

protein biology

thermo scientific invitrogen



완벽한 단백질이 좋은 결과를 만듭니다

당신의 완벽한 단백질 준비를 위한 모든 것!

Extract > Clean-up > Purify

2개 구매 시 **10%** 3개 이상 구매 시 **15%**

~ 2021년 6월 30일까지

ThermoFisher
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Protein extraction reagents and kits

특징

- **Optimized** - 단백질의 회수와 활성을 최대화 할 수 있는 조성으로 구성
- **Efficient** - 세포 분획 시 상호 오염을 최소화하여 생산
- **Compatible** - 후속 실험에 적용할 수 있도록 단백질 추출
- **Gentle** - 기계적인 분해과정 없이 추출



Total protein extraction

Product	Size	Cat. No.
Cell-specific reagent		
M-PER Mammalian Protein Extraction Reagent	250 mL	78501
	1 L	78505
T-PER Tissue Protein Extraction Reagent	500 mL	78510
Y-PER Yeast Protein Extraction Reagent	200 mL	78991
	500 mL	78990
N-PER Neuronal Protein Extraction Reagent	100 mL	87792
I-PER Insect Cell Protein Extraction Reagent	250 mL	89802
B-PER Complete Bacterial Protein Extraction Reagent	250 mL	89821
	500 mL	89822
General lysis reagent		
Pierce IP Lysis Buffer	100 mL	87787
	250 mL	87788
RIPA Lysis and Extraction Buffer	100 mL	89900
	250 mL	89901

Subcellular fractionation kit

Product	Size	Cat. No.
NE-PER Nuclear and Cytoplasmic Extraction Reagents	15 ml	78833
	75 mL	78835
Subcellular Protein Fractionation Kit for Cultured Cells	35 mL	78840
Subcellular Protein Fractionation Kit for Tissues	115 mL	87790
Mem-PER Plus Membrane Protein Extraction Kit	300 mL	89842
Pierce Cell Surface Protein Isolation Kit	8 reactions	89881
Pierce GPCR Extraction and Stabilization Reagent	100 mL	A43436
Pierce Cell Surface Biotinylation and Isolation Kit	8 samples	A44390

Protease and phosphatase inhibitors

특징

- **Convenient** - 즉시 사용할 수 있으며 액체, 정제, 캡슐 등 형태가 있으며 다양한 패킹 사이즈로 제공되고 최소 1년의 보관 기간을 가짐
- **Complete protection** - Protease와 Phosphatase inhibitor가 모두 포함된 형태의 올 인원 제품도 제공하고 있음 (EDTA 포함/ 미포함)
- **Compatible** - 자사에서 제공하는 Cell lysis buffer나 다른 제품, 직접 만든 lysis reagent와 함께 사용할 수 있음

Product	Size	Cat. No.
Halt Phosphatase Inhibitor Cocktail (100X)	1 mL	78420
	5 x 1 mL	78426
	24 x 100 µL	78428
Halt Protease Inhibitor Cocktail (100X)	1 mL	87786
	5 mL	78429
	24 x 100 µL	78430
Halt Protease and Phosphatase Inhibitor Cocktail (100X)	1 mL	78440
	24 x 100 µL	78442
	5 x 1 mL	78444

* EDTA vial이 별도 포장되어 있습니다.

EDTA-Free

Product	Size	Cat. No.
Halt Protease Inhibitor Cocktail, EDTA-Free (100X)	1 mL	87785
	5 mL	78437
	24 x 100 µL	78425
Halt Protease and Phosphatase Inhibitor Cocktail, EDTA-free (100X)	1 mL	78441
	5 x 1 mL	78445
Halt Protease and Phosphatase Inhibitor Single-Use Cocktail, EDTA-Free (100X)	24 x 100 µL	78443



Slide-A-Lyzer dialysis products

사용하기 편리하고 샘플이 새어 나갈 걱정 없어요



Mini dialysis devices

Volume	Size	Cat. No.
Slide-A-Lyzer MINI Dialysis Devices, 2K MWCO		
0.1 mL	50 devices	69580
0.1 mL	250 devices	69553
Slide-A-Lyzer MINI Dialysis Devices, 3.5K MWCO		
0.1 mL	50 devices	69550
0.1 mL	250 devices	69552
0.5 mL	25 devices	88400
2 mL	25 devices	88403
Slide-A-Lyzer MINI Dialysis Devices, 7K MWCO		
0.1 mL	50 devices	69560
0.1 mL	250 devices	69562
Slide-A-Lyzer MINI Dialysis Devices, 10K MWCO		
0.1 mL	50 devices	69570
0.1 mL	250 devices	69572
0.5 mL	25 devices	88401
2 mL	25 devices	88404
Slide-A-Lyzer MINI Dialysis Devices, 20K MWCO		
0.1 mL	50 devices	69590
0.1 mL	250 devices	69555
0.5 mL	25 devices	88402
2 mL	25 devices	88405
Slide-A-Lyzer MINI Dialysis Device Floats		
25-unit capacity	4 floats	69588

Dialysis cassettes and flasks

Volume	Size	Cat. No.
Slide-A-Lyzer G2 Dialysis Cassettes and Flasks, 2K MWCO		
0.5 mL	10 cassettes	87717
3 mL	10 cassettes	87718
15 mL	8 cassettes	87719
30 mL	6 cassettes	87720
70 mL	6 cassettes	87721
250 mL	4 flasks	87760
Slide-A-Lyzer G2 Dialysis Cassettes, 3.5K MWCO		
0.5 mL	10 cassettes	87722
3 mL	10 cassettes	87723
15 mL	8 cassettes	87724
30 mL	6 cassettes	87725
70 mL	6 cassettes	87726
230 mL	4 flasks	87761
Slide-A-Lyzer G2 Dialysis Cassettes, 7K MWCO		
0.5 mL	10 cassettes	87727
3 mL	10 cassettes	87728
Slide-A-Lyzer G2 Dialysis Cassettes, 10K MWCO		
0.5 mL	10 cassettes	87729
3 mL	10 cassettes	87730
15 mL	8 cassettes	87731
30 mL	6 cassettes	87732
70 mL	6 cassettes	87733
250 mL	4 flasks	87762
Sterile Gamma-irradiated Slide-A-Lyzer G2 Dialysis Cassettes: check website		
Slide-A-Lyzer G2 Dialysis Cassettes and Flasks, 20K MWCO		
0.5 mL	10 cassettes	87734
3 mL	10 cassettes	87735
15 mL	8 cassettes	87736
30 mL	6 cassettes	87737
70 mL	6 cassettes	87738
250 mL	4 flasks	87763
Slide-A-Lyzer Flotation Disks		
	6 disks	87759

96-well microdialysis plates

Volume	Size	Cat. No.
Pierce 96-well Microdialysis Plates		
3.5K MWCO	1 plate	88262
10K MWCO	1 plate	88260
96-well Deep-well Plate		
2.2 mL	1 plate	88261
Plate Seal for Pierce 96-well Microdialysis Plates		
	1 sheet	88269

Zeba desalting products

특징

- **High performance** - 특허 받은 Resin으로 뛰어난 단백질 회수율을 자랑하며 효과적으로 오염 물질 제거
- **Flexible** - 필요에 따라 spin column, filter spin plate, cartridge를 사용할 수 있음
- **Economical** - 고성능의 비용 절감 제품

Zeba desalting products selection guide by format and recommended sample volume.

Type	Spin columns			
Format	Micro	0.5 mL	2 mL	5 mL
				
Resin bed	75 μ L	0.5 mL	2 mL	5 mL
Sample volume (7K MWCO)	2–12 μ L	30–130 μ L	200–700 μ L	500–2,000 μ L
Sample volume (40K MWCO)	5–14 μ L	70–200 μ L	200–900 μ L	300–2,000 μ L

Spin columns

Volume	Size	Cat. No.
Zeba Spin Desalting Columns, 7K MWCO		
75 μ L	25 columns	89877
75 μ L	50 columns	89878
0.5 mL	25 columns	89882
0.5 mL	50 columns	89883
2 mL	5 columns	89889
2 mL	25 columns	89890
5 mL	5 columns	89891
5 mL	25 columns	89892
10 mL	5 columns	89893
10 mL	25 columns	89894
Zeba 96-well Spin Desalting Plates, 7K MWCO		
96-well Plates	2 plates	89807
96-well Plates	4 plates	89808
Zeba Chromatography Cartridges, 7K MWCO		
1 mL	5 cartridges	89934
5 mL	5 cartridges	89935



Spin columns	Spin plate	Chromatography columns	
10 mL	96-well	1 mL	5 mL
			
10 mL	550 μ L	1 mL	5 mL
700–4,000 μ L	20–100 μ L	50–250 μ L	100–1,500 μ L
1,000–4,000 μ L	20–100 μ L	NA	NA

Volume	Size	Cat. No.
Zeba Spin Desalting Columns, 40K MWCO		
75 μ L	25 columns	87764
75 μ L	50 columns	87765
0.5 mL	25 columns	87766
0.5 mL	50 columns	87767
2 mL	5 columns	87768
2 mL	25 columns	87769
5 mL	5 columns	87770
5 mL	25 columns	87771
10 mL	5 columns	87772
10 mL	25 columns	87773
Zeba 96-well Spin Desalting Plates, 40K MWCO		
96-well Plates	2 plates	87774
96-well Plates	4 plates	87775

Protein concentrators

특징

- **Rapid processing** - 독보적인 디자인이 membrane에 부착을 최소화하고 10K MWCO 기준으로 5-30분 안에 10-30배의 샘플을 농축할 수 있음
- **High recovery** - 오염 물질을 제거하고 버퍼를 교환하는 동안 >90%이상의 단백질 샘플 보존
- **Convenient** - 선명한 표시, 넓은 샘플 챔버, 빼낼 수 있는 필터 챔버는 사용하기 편리하고 쉬움
- **Instrument compatible** - 일반 원심분리기에 사용할 수 있음

Pierce Protein Concentrators selection guide.

Volume range	0.1-0.5 mL	2-6 mL	5-20 mL	20-100 mL
				
MWCOs available	3, 10, 30, 100 K	3, 10, 30, 100 K	3, 10, 30, 100 K	5, 10, 30, 100 K
Processing time*	3-15 min	15-90 min	15-60 min	15-90 min
Retentate volume range*	9-67 µL	51-174 µL	121-777 µL	1.9-3.5 mL
Protein recovery range*	95-100%	94-100%	94-100%	92-98%

* Four different protein solutions were used for each MWCO

Protein concentrators (PES)

Disposable ultrafiltration devices contain a polyethersulfone (PES) membrane

Volume	Size	Cat. No.
Pierce Protein Concentrators, 3K MWCO		
0.5 mL	25 units	88512
6 mL	10 units	88514
6 mL	24 units	88515
20 mL	10 units	88525
20 mL	24 units	88526
6 mL	24 units	88524
20 mL	10 units	88532
20 mL	24 units	88533
100 mL	4 units	88537



Volume	Size	Cat. No.
Pierce Protein Concentrators, 5K MWCO		
100 mL	4 units	88534
Pierce Protein Concentrators, 10K MWCO		
0.5 mL	25 units	88513
6 mL	10 units	88516
6 mL	24 units	88517
20 mL	10 units	88527
20 mL	24 units	88528
100 mL	4 units	88535
Pierce Protein Concentrators, 30K MWCO		
0.5 mL	25 units	88502
6 mL	10 units	88521
6 mL	24 units	88522
20 mL	10 units	88529
20 mL	24 units	88531
100 mL	4 units	88536
Pierce Protein Concentrators, 50K MWCO		
0.5 mL	25 units	88504
6 mL	10 units	88538
6 mL	24 units	88539
20 mL	10 units	88540
20 mL	24 units	88541
100 mL	4 units	88542
Pierce Protein Concentrators, 100K MWCO		
0.5 mL	25 units	88503
6 mL	10 units	88523

Recombinant protein purification

His-tagged protein

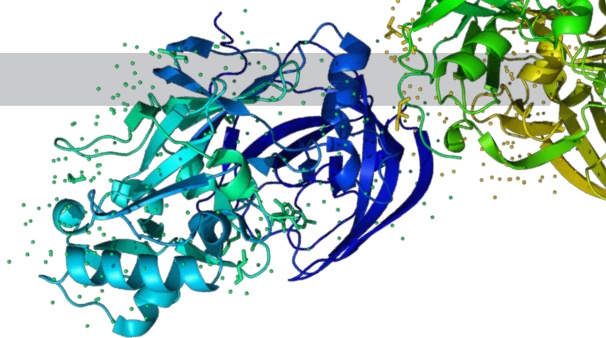
Ni-NTA Resin

Product	Size	Cat. No.
Resin only		
HisPur Ni-NTA Agarose Resin	10 mL	88221
	100 mL	88222
	500 mL	88223
HisPur Ni-NTA Superflow Agarose Resin	10 mL	25214
	50 mL	25215
	250 mL	25216
	1 L	25217

Product	Volume	Size	Cat. No.
Column & Kit			
HisPur Ni-NTA Spin Columns	0.2 mL	25 columns	88224
	1 mL	5 columns	88225
	3 mL	5 columns	88226
HisPur Ni-NTA Spin Purification Kit	0.2 mL	25 columns	88227
	1 mL	5 columns	88228
	3 mL	5 columns	88229
HisPur Ni-NTA Chromatography Cartridges	1 mL	5 cartridges	90098
	5 mL	2 cartridges	90099
HisPur Ni-NTA Spin Plates	0.1 mL	2 plates	88230

Cobalt Resin

Product	Size	Cat. No.
Resin only		
HisPur Cobalt Agarose Resin	10 mL	89964
	100 mL	89965
	500 mL	89966
HisPur Cobalt Superflow Agarose Resin	10 mL	25228
	50 mL	25229
	250 mL	25230
	1 L	25231



Cobalt Resin

Product	Volume	Size	Cat. No.
Column & Kit			
HisPur Cobalt Spin Columns	0.2 mL	25 columns	89967
	1 mL	5 columns	89968
	3 mL	5 columns	89969
HisPur Cobalt Purification Kit	0.2 mL	25 columns	90090
	1 mL	5 columns	90091
	3 mL	5 columns	90092
HisPur Cobalt Chromatography Cartridges	1 mL	5 x 1 mL	90093
	5 mL	2 x 5 mL	90094
HisPur Cobalt Spin Plates	0.1 mL	2 plates	90095

GST-tagged protein

Product	Size	Cat. No.
Resin only		
Pierce Glutathione Agarose Resin	10 mL	16100
Pierce Glutathione Agarose Resin	100 mL	16101
Pierce Glutathione Superflow Agarose Resin	10 mL	25236
Pierce Glutathione Superflow Agarose Resin	50 mL	25237
Pierce Glutathione Superflow Agarose Resin	250 mL	25238

Product	Volume	Size	Cat. No.
Column & Kit			
Pierce Glutathione Spin Columns	0.2 mL	25 columns	16103
	1 mL	5 columns	16104
	3 mL	5 columns	16105
Pierce GST Spin Purification Kit	0.2 mL	25 columns	16106
	1 mL	5 columns	16107
	3 mL	5 columns	16108
Pierce Glutathione Chromatography Cartridges	1 mL	5 x 1 mL	16109
	5 mL	2 x 5 mL	16110

Others-tagged protein

Product	Size	Cat. No.
Resin only		
Pierce™ Anti-DYKDDDDK(FLAG) Affinity Resin	1 mL	A36801
	5 mL	A36803
Pierce™ Anti-c-Myc Agarose	2 mL	20168
	10 mL	20169
Pierce™ Anti-HA Agarose	1 mL	26181
	5 mL	26182

신제품!

Pierce high-capacity EDTA-compatible Ni-IMAC은

세포 배양액으로부터 His-tag 단백질을 분리할 수 있으며 EDTA와 같은 Chelator가 있는 환경에도 사용할 수 있습니다. 새로운 고성능 Resin을 경험해보세요.

- **Chelator stable** – 최대 20mM EDTA와 DTT까지 안정적으로 사용
- **Compatible** – Expi293, ExpiCHO, ExpiSf와 같은 단백질 발현 세포 배양액으로부터 purification 가능
- **High binding capacity** – >80mg/mL binding capacity

Product	Size	Cat. No.
Resin only		
Pierce High Capacity Ni-IMAC Resin, EDTA compatible	10 mL	A50584
	50 mL	A50585
	250 mL	A50586
	500 mL	A50587
Pierce High Capacity Ni-IMAC MagBeads, EDTA compatible	0.25 mL	A50588
	1.25 mL	A50589
	6.25 mL	A50590
	25 mL	A50591

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