



Expi293 PRO Expression System

Producing increasingly complex proteins with higher yields and increased throughput is critical to accelerating breakthroughs in protein research applications and drug development. To address these needs, we developed the next-generation Gibco™ Expi293™ Expression System.

Introducing the latest offering in the Expi293 expression portfolio, the Gibco™ Expi293™ PRO Expression System, a fully integrated expression system designed to deliver higher yields of a wider variety of proteins—including challenging and low-yield proteins—with exceptional speed, efficiency, and an easy-to-automate protocol.

Components of the Expi293 PRO Expression System:

- Gibco™ Expi293™ PRO Cells
- Gibco™ Expi293™ PRO Expression Medium
- Gibco™ Expi293™ PRO Transfection Kit
 - Gibco™ Expi293™ PRO Transfection Reagent
 - Gibco™ Expi293™ PRO Enhancer
 - Gibco™ Expi293™ PRO Feed

Expi293 PRO system features and benefits:



Unlock new protein targets

Express challenging and low-yield proteins



Exceptional protein yields from a transient 293 system

Multifold increase in protein yields, up to 5 g/L



Cost-effective

Higher protein yields at the lowest cost per milligram



Faster expression kinetics

Produce your protein in less time with fewer steps



High-throughput and automation compatibility

Simplified protocols and optimized reagents seamlessly integrate with small-scale and automated platforms



Sustainable

Reduces reagent consumption, plasticware consumption, and labor by three-fold

One complete, optimized system



High-density HEK293
cell line



Chemically defined
medium



Transfection
reagent



Transfection
enhancer



Production feed

Cell culture

Expi293 PRO Cells

Higher expression
of more challenging
proteins

Expi293 PRO Expression Medium

Even higher transfection
densities supported

Transfection and expression step

Expi293 PRO Transfection Kit

Component synergy for high yields with
fewer steps and improved ease of use

The Expi293 PRO Expression System is an optimal choice for producing increasingly complex proteins
with higher yields and increased throughput.

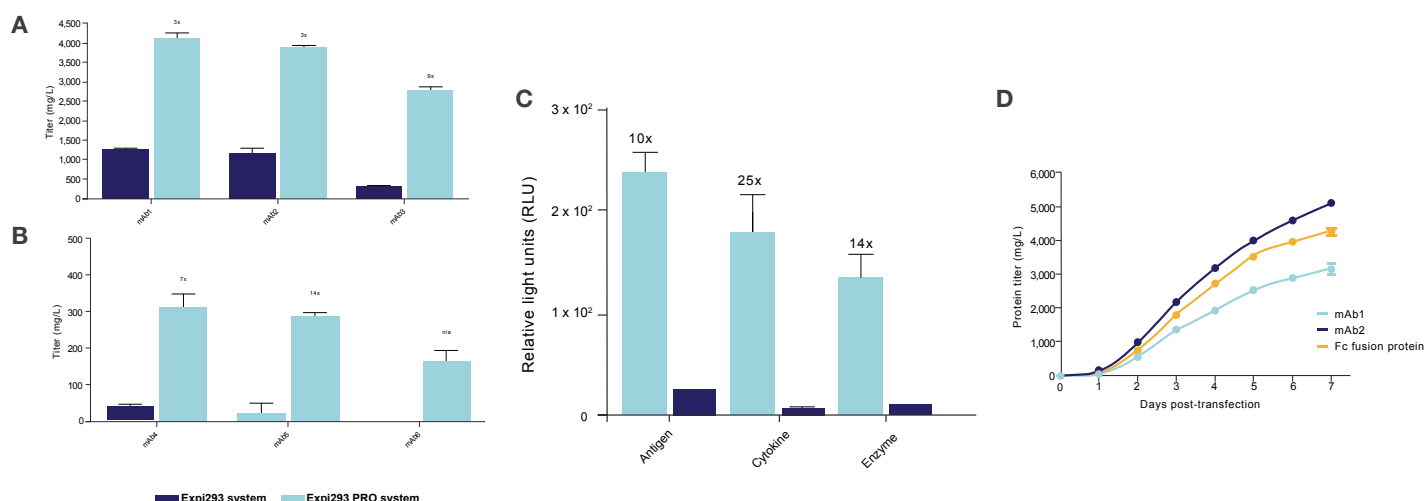


Figure 1. (A-C) Protein yields of antibodies and challenging-to-express proteins obtained with the Expi293 and Expi293 PRO Expression Systems. (D) Protein titers of up to 5 g/L were obtained with consistent cell growth kinetics across three example proteins using the Expi293 PRO Expression System.

Ordering information

Product	Size	Cat. No.
Expi293 PRO System Kit	1 kit	A40003643
Expi293 PRO Cells	1 vial 6 vials	A40001140 A40001978
Expi293 PRO Expression Medium	1 L 6 x 1 L 10 L 20 L	A4000135501 A4000135505 A4000135503 A4000135504
Expi293 PRO Transfection Kit	For 1 L transfection For 6 L transfection For 10 L transfection For 50 L transfection	A40002926 A40002929 A40002927 A40002930

Learn more at thermofisher.com/exp293pro

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