

Break the Titer Barrier with CD Trans CHO Plus Expression System

For labs running transient transfections in CHO-S cells, CD Trans[®] CHO Plus Expression System is a fully optimized medium, feed, enhancer, boost, and transfection reagent platform built to deliver higher protein titers than other commercial transient CHO expression systems — across monoclonal antibodies, Fc-fusion proteins, and bispecific antibodies alike.

Product Advantages

- Average **5x** higher titer than other commercial transient CHO systems
- Simple transfection workflow with the proprietary FlashFection[™] method. **No dilution, mixing, or incubation needed** during transfection step
- Consistent performance across mini spin tube bioreactors to large-volume shake flasks

Product Information



CD Trans[®] CHO Plus Expression System

Catalog Number # AC607152-01

- 1 x CD Trans CHO Plus Medium
- 2 x CD Trans CHO Plus Feed
- 1 x CD Trans CHO Plus Enhancer
- 1 x CD Trans CHO Plus Boost
- 3 x CodTrans Transfection Reagent
- 1 x OPM-ACA

50% OFF
until
Oct. 31, 2026

Component Name (Can be Sold Separately)	Catalog Number	Size
CD Trans [®] CHO Plus Medium	AC606165-01	1000 mL
CD Trans [®] CHO Plus Feed	AC606670-01	100 mL
CD Trans [®] CHO Plus Enhancer	AC604943-01	10 mL
CD Trans [®] CHO Plus Boost	AC605778-01	10 mL
CodTrans [™] Transfection Reagent	AC508542-02	1 mL
OPM-ACA	AC609916-01	5 mL

Rapid, High-Scale Protein Production

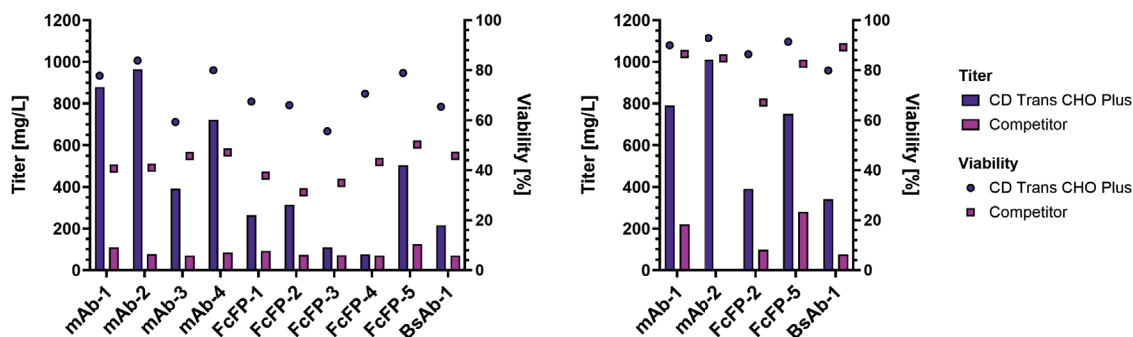
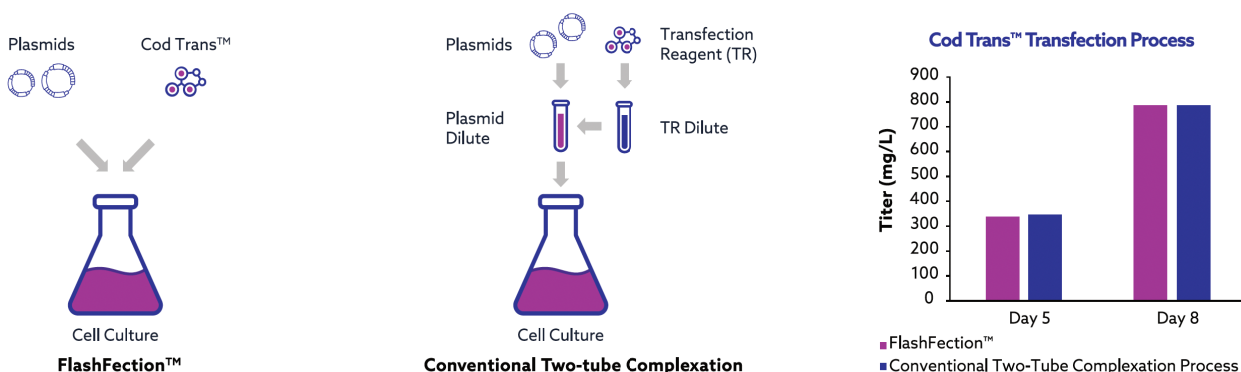


Figure 1. Expression of monoclonal antibodies, Fc-fusion proteins (FcFPs), and a bispecific antibody (BsAb) was compared between CD Trans CHO Plus Expression System and a competitor system. The viable cell density at time of transfection was 6×10^6 CHO-S cells/mL in all conditions. By day 7 post-transfection, protein titers expressed using the CD Trans CHO Plus system were significantly higher than those expressed using the competitor system. All procedures were performed following each manufacturer's standard protocol. **(A)** Expression of ten different proteins in 50 mL mini spin tube bioreactor, 15 mL volumes. **(B)** Expression of five different proteins in 125 mL shake flasks, 25 mL volumes.

Simple Transfection with FlashFection™

Our proprietary FlashFection transfection method is easy to operate and well-suited for high-throughput, automated workflows.

- Plasmids and CodTrans Transfection Reagent are added directly and sequentially to the cell culture, with no dilution, mixing, or temperature-controlled incubation required
- FlashFection results are comparable to conventional two-tube complexation protocols



Consistent Performance from Mini Tube Bioreactors to Flasks

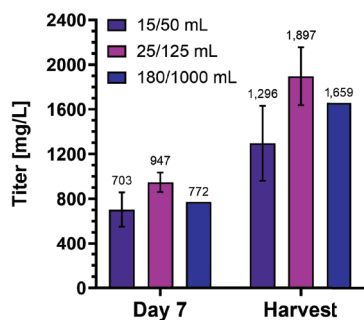


Figure 2. During scale-up from mini bioreactors to shake flasks, the CD Trans CHO Plus system maintained comparable titers. CHO-S cells were cultured to a viable cell density of 6×10^6 cells/mL prior to transfection and fed on Days 1, 3, and 5 post-transfection. Starting from initial culture volumes of 15 mL (50 mL mini spin tube bioreactors) and 180 mL (1000 mL shake flask), protein titers at harvest (viability <60%) reached 68% and 87%, respectively, of the titer achieved in 125 mL shake flasks.