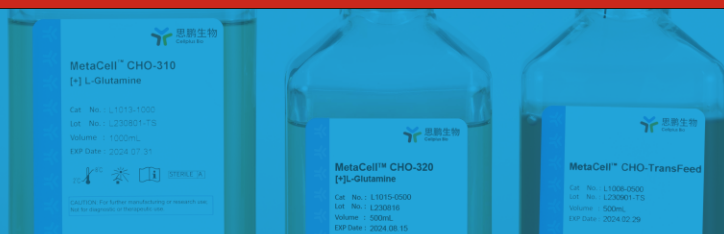


# CHO

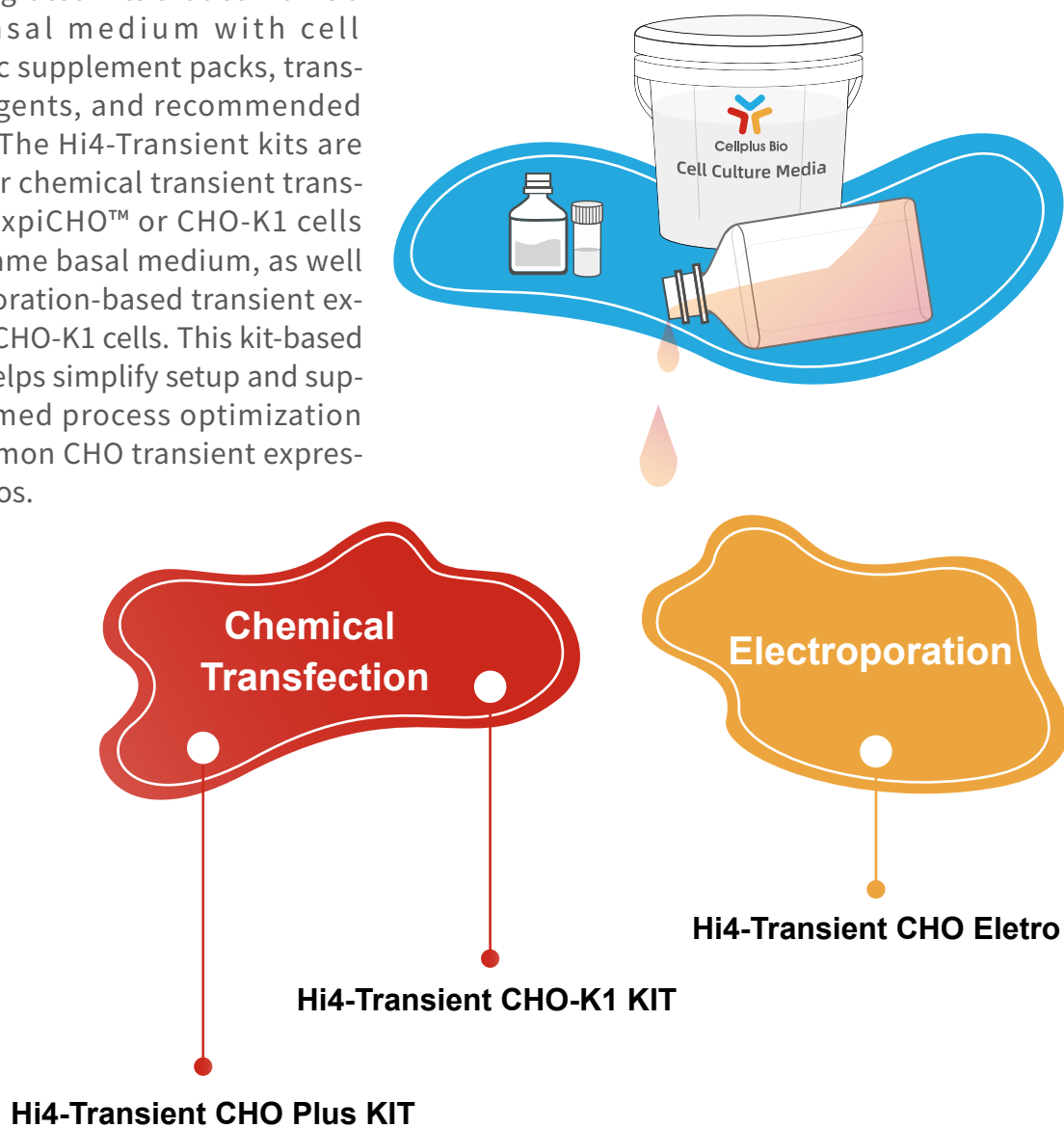
## *Cell Culture Media for Transient Expression of Recombinant Proteins*

Unleash the Potential of Your Cells



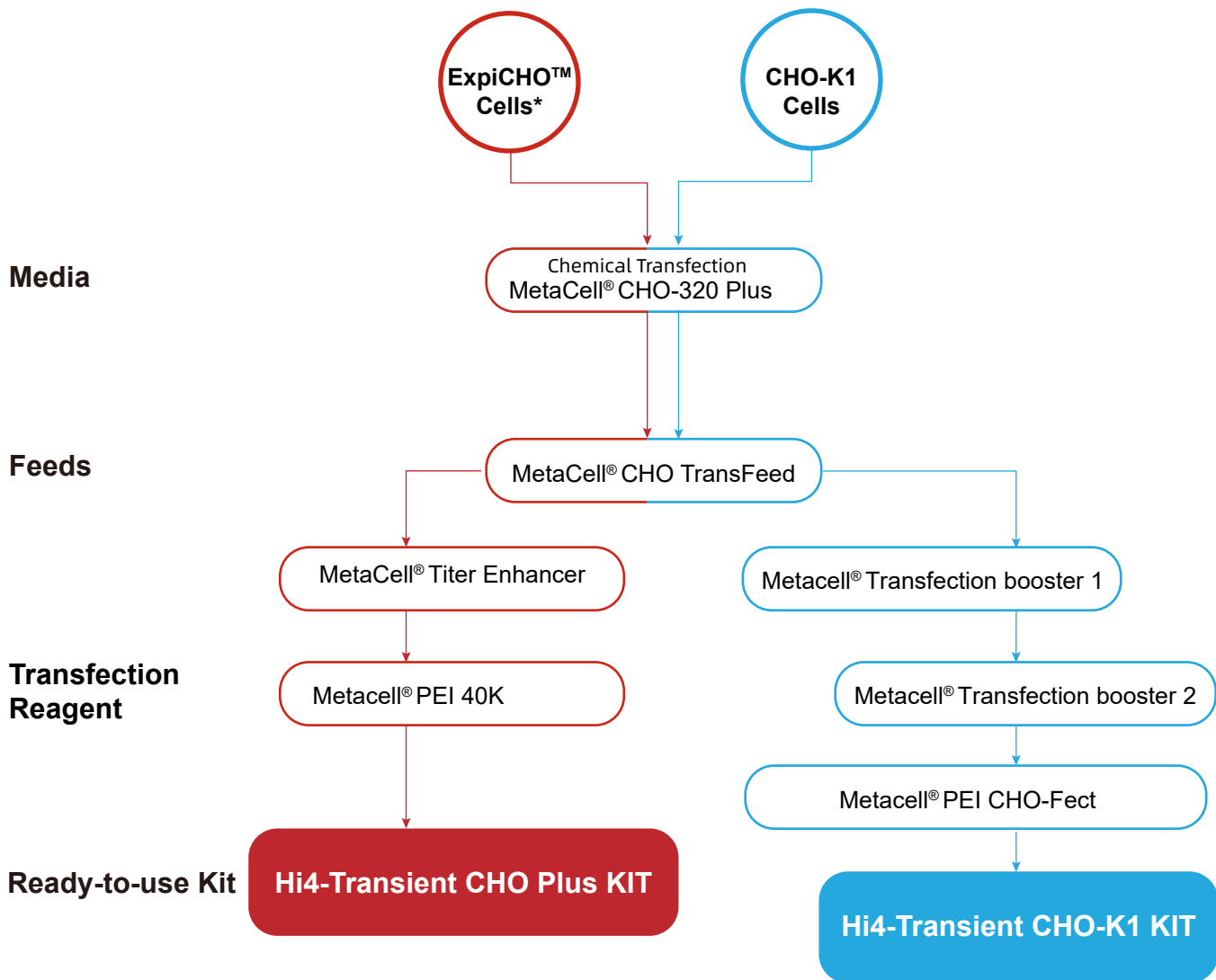
A chemically defined CHO transient transfection medium platform delivered as integrated kits that combine a shared basal medium with cell line-specific supplement packs, transfection reagents, and recommended processes. The Hi4-Transient kits are designed for chemical transient transfection in ExpiCHO™ or CHO-K1 cells using the same basal medium, as well as electroporation-based transient expression in CHO-K1 cells. This kit-based approach helps simplify setup and supports informed process optimization across common CHO transient expression scenarios.

## CHO Transfection Expression



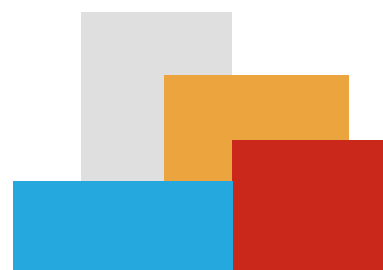
\* ExpiCHO™ is a trademark of Thermo Fisher Scientific and its affiliates. Cellplus Bio is not affiliated with, sponsored by, or endorsed by Thermo Fisher Scientific.

## Optimizing Transient Transfection in CHO Cells: Media and Reagent Selection



- Rapid, gram-scale recombinant protein production within 7–14 days.
- Single-medium for simplified operations. Transient transfection is performed directly in the production medium, with no media exchange required before or after transfection.
- High Post-Transfection Viability and Sustained Expression.
- Modular Enhancers to significantly increase cell growth and recombinant protein expression.

Benefits

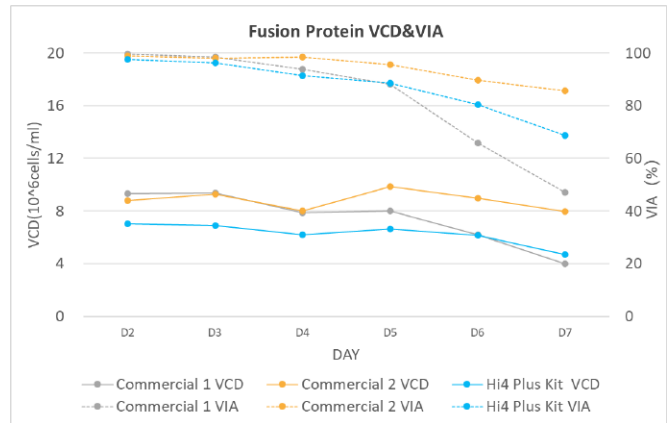
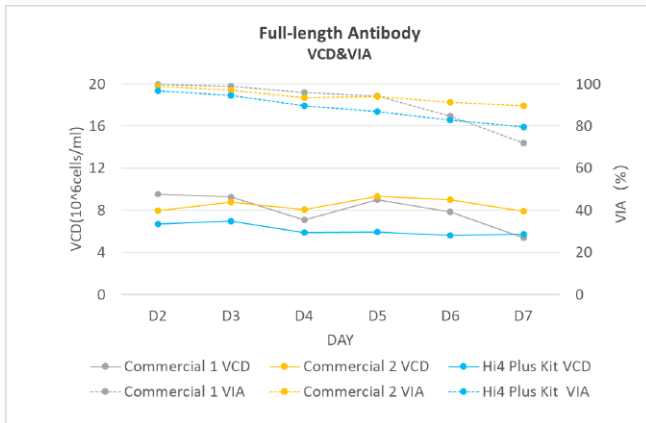
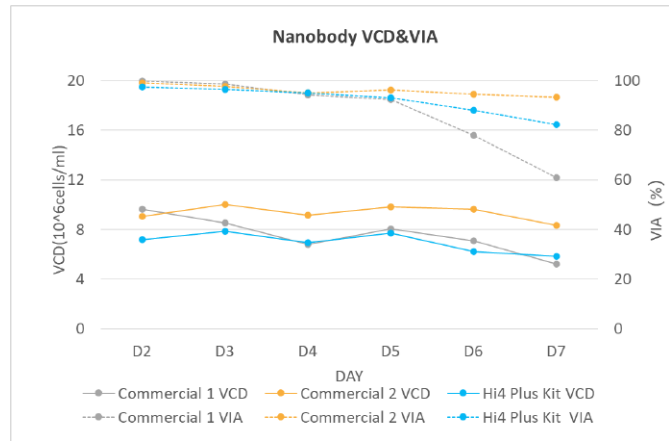
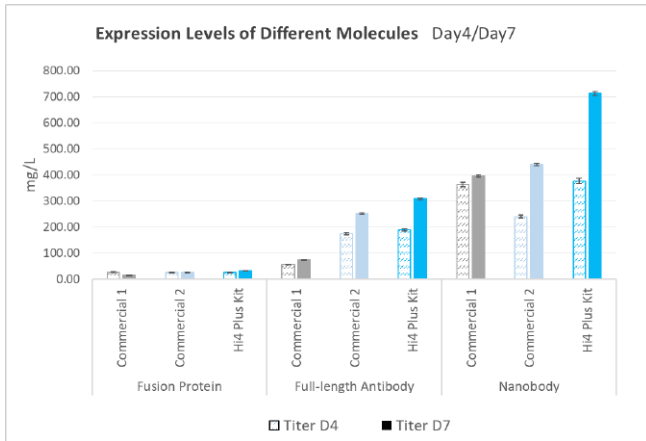


## Hi4-Transient CHO Plus Kit for ExpiCHO™ Cells

The Hi4-Transient CHO Plus Kit (hereinafter Hi4 Plus Kit) is specifically developed for ExpiCHO™ cell line users who require greater flexibility while maintaining seamless compatibility with downstream purification processes. The Kit is plug-and-play for existing ExpiCHO™ processes, with no process restructuring required.

Formulated without EDTA, the Hi4 Plus Kit preserves transfection complex integrity and avoids chelation-related performance loss. It is fully compatible with nickel-affinity chromatography, enabling smooth integration with standard His-tag purification processes.

Evaluation of the Hi4 Plus Kit demonstrated a significant increase in protein expression for three distinct molecules at Day 7 post-transfection, compared with other commercial available media.



Product	Size	Description
MetaCell® CHO-320 Plus	1000mL	Designed both for high-density and low-density CHO suspension culture rapid harvesting
MetaCell® CHO TransFeed	100mL	Highly concentrated feed media for transient transfection of CHO cells
MetaCell® Titer Enhancer	10mL	A cell culture supplement designed for boosting protein titers post transient transfection, chemically defined.
MetaCell® PEI CHO-Fect	1mL 10mL	Linear Polyethylenimine low cytotoxicity

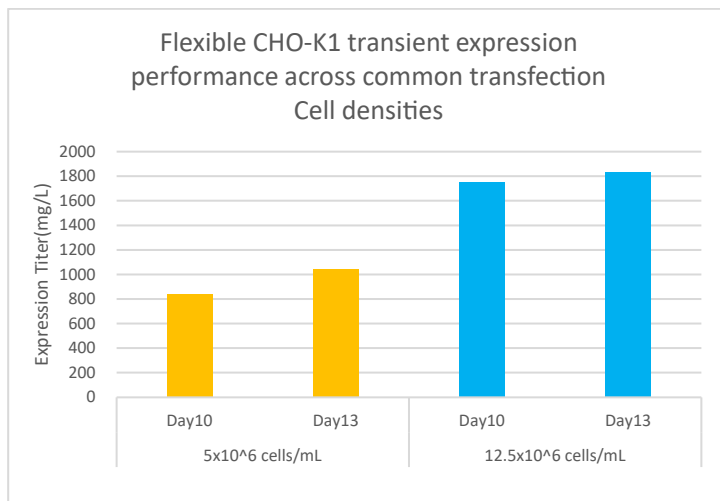
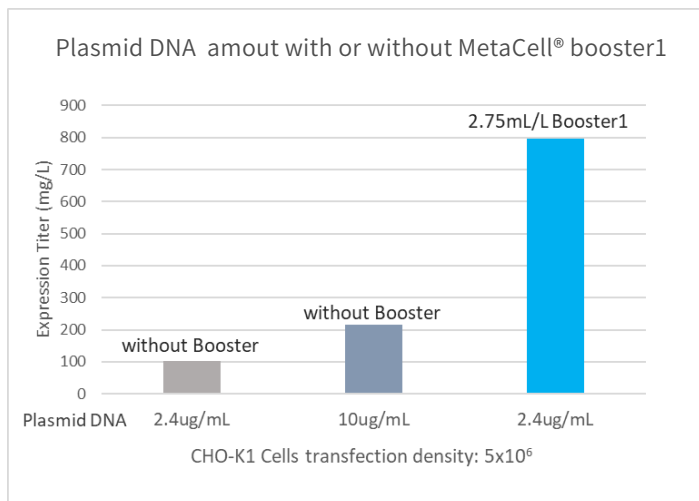


## MetaCell® Hi4-Transient CHO-K1 Kit For CHO-K1 Cell Lines

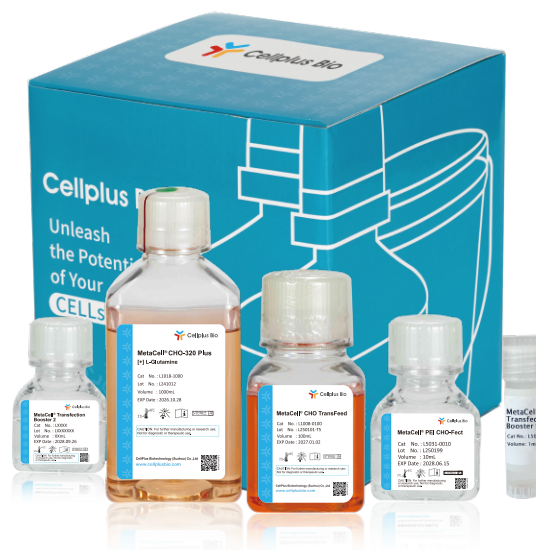
To address the challenges of low transient transfection efficiency in CHO-K1 cells and the high cost of commercial transfection reagents, Cellplus Bio developed the MetaCell® Hi4-Transient CHO-K1 Kit — a complete, integrated solution for efficient transient expression.

The Kit is built on a novel, high-value PEI-based transfection approach that significantly enhances recombinant protein expression while maintaining cost efficiency.

Designed to support early-stage drug discovery flexibility, speed and cost-efficiency, the system delivers high yields in transient expression and remains fully compatible with downstream stable cell line development processes, enabling a smooth transition from discovery to development.

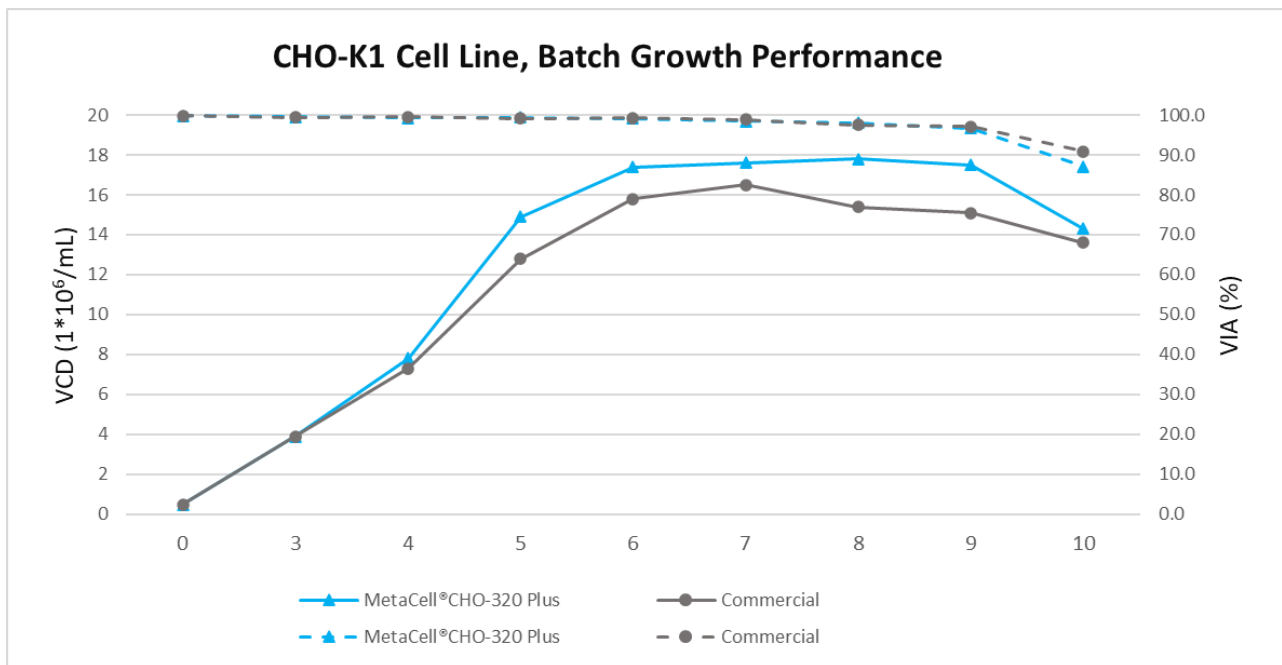
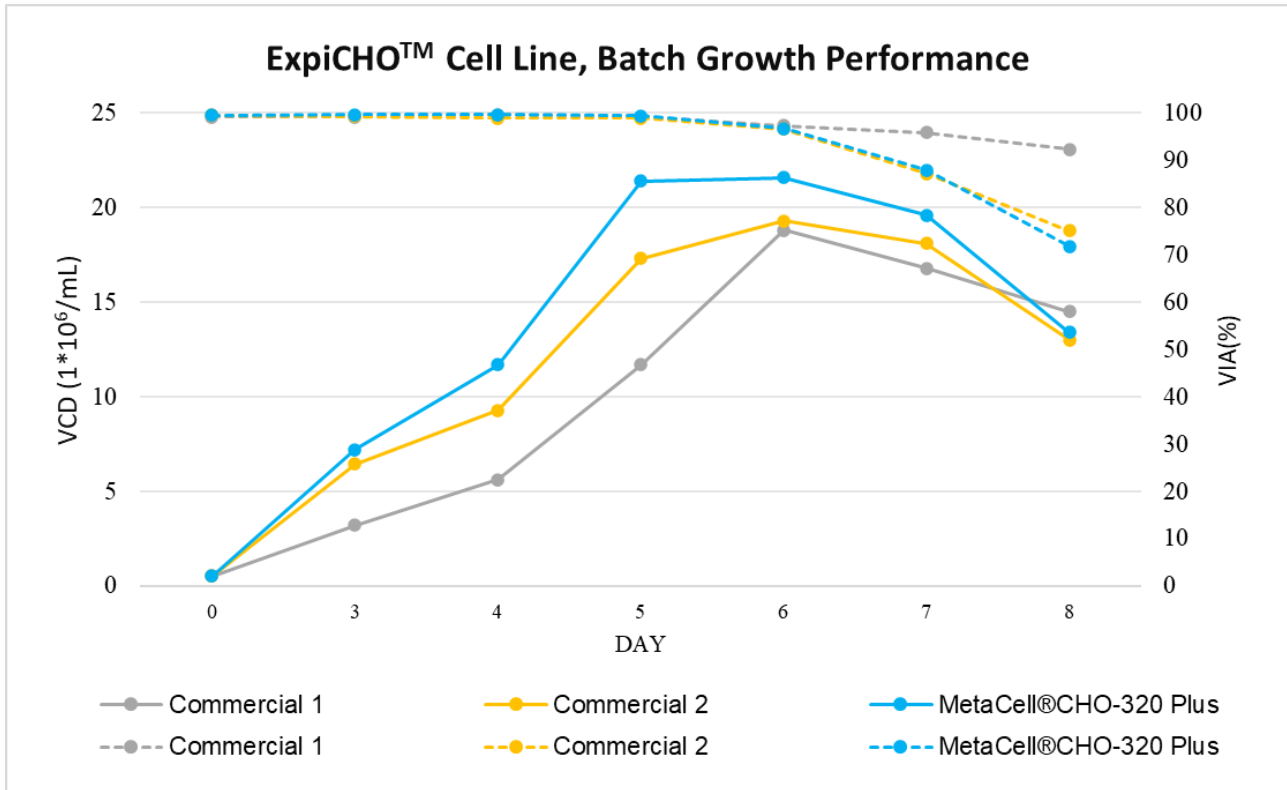


Product	Size	Description
MetaCell® CHO-320 Plus	1000mL	A basal medium specifically designed for high-efficiency transient transfection of common CHO cells, such as ExpiCHO-S, delivering high transfection efficiency.
MetaCell® CHO TransFeed	100mL	Highly concentrated, Single feed, Chemically defined.
MetaCell® PEI CHO-Fect	10mL	Linear Polyethylenimine, low cytotoxicity
MetaCell® Transfection Booster 1	10mL	Serum-Free & Animal-Origin Free Transfection Booster. Maximize protein production and yield when used with Booster 2.
MetaCell® Transfection Booster 2	1mL	Optimized, Chemically Defined, SF/PF/ACF Transfection Booster for High-Density Transient Transfection in CHO-K1 Cells.



**MetaCell® CHO-320 Plus: A Unified CHO Medium Platform with Cell Line-Specific, Modular Transient Transfection Optimization**

MetaCell® CHO-320 Plus is commercially proven for use with both ExpiCHO™ and CHO-K1 cell lines, providing a unified medium platform across commonly used CHO transient expression systems.



## MetaCell® CHO-310 Basal Medium for Electroporation

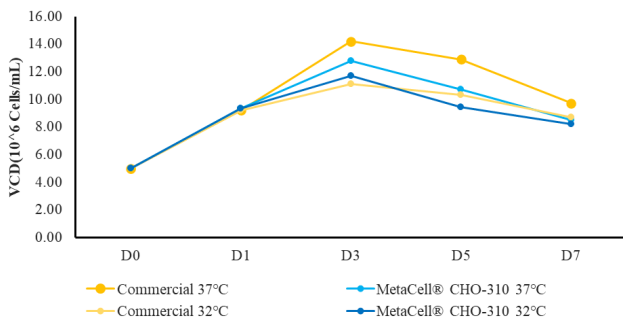
MetaCell® CHO-310 is a chemically defined medium specifically developed for high-density transient transfection of CHO cells using electroporation. It is serum-free, hydrolysate-free, protein-free, and free of all animal-derived components, ensuring regulatory alignment and high batch-to-batch consistency.

The formulation is optimized to support efficient DNA delivery and post-electroporation recovery, maintaining robust cell viability and expression performance following electroporation-based transfection.

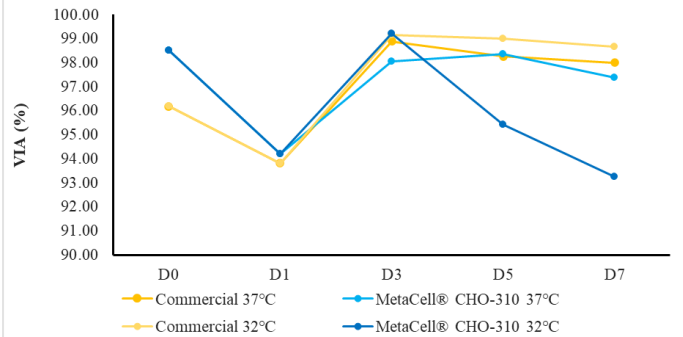
Stable transfection complexes requiring no special dilution buffer

EDTA-free formulation, fully compatible with Ni-affinity purification.

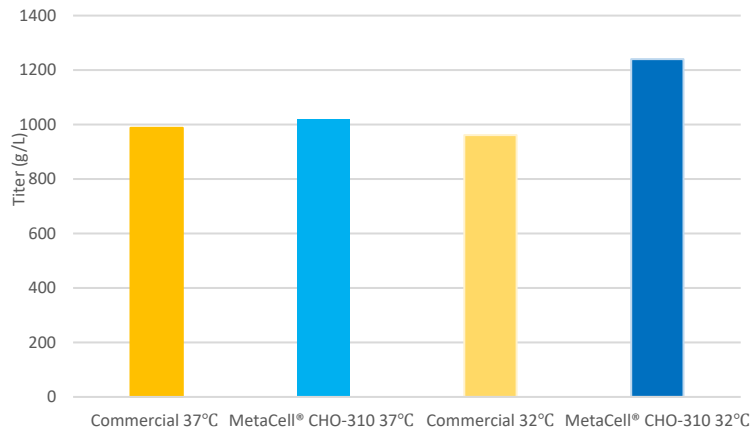
Viability post-electroporation



Viable cell density post-electroporation



Expression titer of a Mab under different conditions




**Product list**

Product	Classification	Form	Cat No.	Size
MetaCell® CHO-310	Media	Liquid	L1013	1000mL
		Powder	P1013	10L/100L
MetaCell® CHO-320 Plus	Media	Liquid	L1018	1000mL
		Powder	P1018	10L/100L
MetaCell® CHO TransFeed	Feed	Liquid	L1008	100mL/1000mL
MetaCell® Titer Enhancer	Supplement	Liquid	L1009	10mL/100mL
MetaCell® Transfection Booster 1	Supplement	Liquid	L5021	1mL/10mL
MetaCell® Transfection Booster 2	Supplement	Liquid	L5022	10mL
MetaCell® PEI CHO-Fect	BioReagent	Liquid	L5031	10mL
MetaCell® Hi4-Transient CHO Plus	CHO Transient Transfection Kit	KIT	L1024	1 kit
MetaCell® Hi4-Transient CHO-K1	CHO-K1 Transient Transfection Kit	KIT	L1027	1 kit



WEBSITE QR CODE



LinkedIn QR CODE



Instant Technical Support via WhatsApp

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LinkedIn: [www.linkedin.com/company/cellplus-bio](http://www.linkedin.com/company/cellplus-bio)

\* For orders outside of China mainland please contact our local distributor.