

Alfaexpress

Transient Expression Kit

Powered by the Fluorescent Site-specific Integration Cell Line Development Platform (AlfaCell), Alfaexpress transient expression kit offers a one-stop protein expression solution for CHO-K1 cells. It achieves yields significantly higher than commercial transient expression kit, using the same cell line for both transient and stable development. This ensures seamless quality consistency from early research to CMC, bridging the gap to large-scale manufacturing.



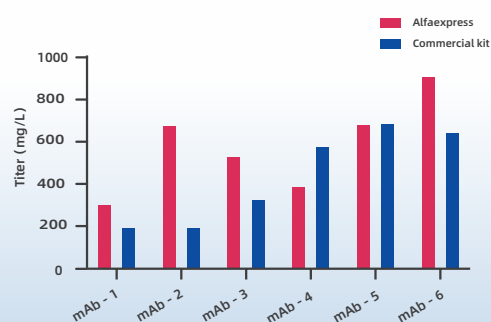
Name	CHO Cell Culture Medium	Expression Medium	Feed	AC Enhancer	Trans A	Trans B	Trans G	GBB-Ip02	GBB-p10
Product	Passage & Expansion Medium	Transfection & Expression Medium	Feed Medium	Expression Enhancer	Transfection Reagent			Positive Control Plasmid	Empty Vector Plasmid
Product Code	NF3370	EM3302	EM3302 Feed	AC Enhancer01	Trans A01	Trans B01	Trans G01	GBB-Ip02	GBB-p10
Capacity	1000 ml	1000 ml	200 ml	2 ml*2	1 ml*2	1.75 ml*4	0.3 ml	0.12 ml	25 µl

Alfaexpress Transient Expression Kit

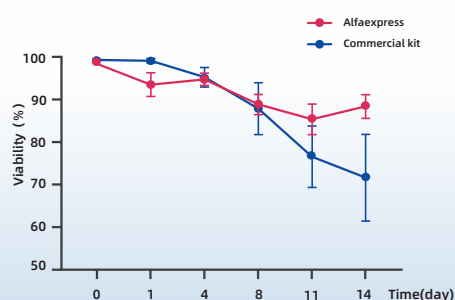
Transient Expression of CHO-K1 Cell Line

The Alfaexpress transient expression kit leverages site-specific integration technology for rapid transient protein expression in CHO-K1 cells. Monoclonal antibody yields reach 300-1000 mg/L by day 14—far exceeding commercial kit performance—while maintaining high cell viability. Ideal for fast protein sample generation and early evaluation of expression, post-translational modification, and stability.

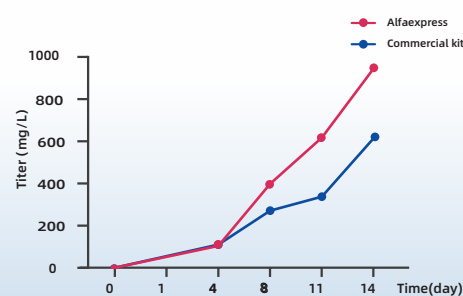
Alfaexpress Transient Expression Titer



Cell Viability



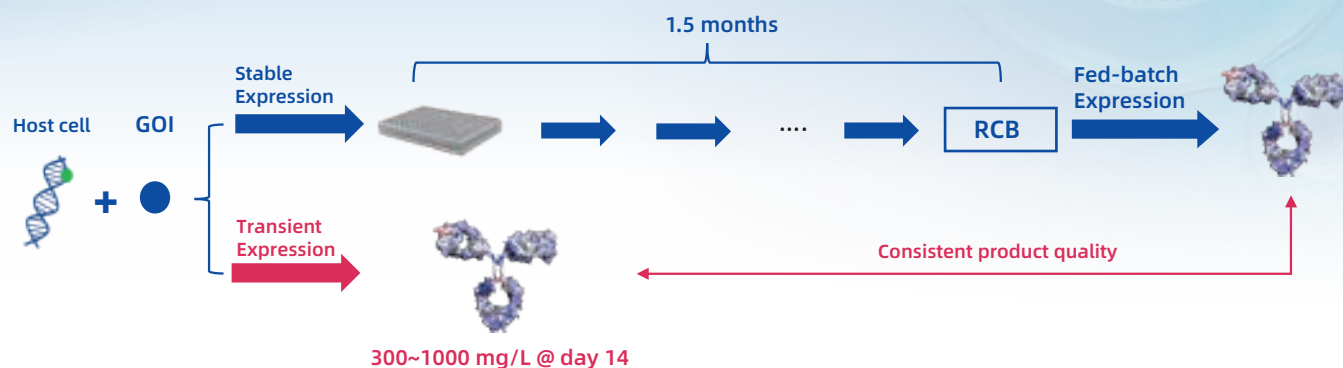
Titer of mAb-6



▲ Alfaexpress Transient Expression Kit: 300~1000 mg/L @ day 14

One Cell Line for Both Transient and Stable Expression

The Alfaexpress transient expression kit enables seamless use of the same CHO-K1 cell line for both transient and stable expression, ensuring consistent product quality. This bridges early research and CMC, reducing efficacy gaps and lowering development risk.



Protein Expression Method	Acidic Peak (%)	Main Peak (%)	Basic Peak (%)
Commercial Transient Expression	10.2	40.9	48.9
Alfaexpress Transient Expression	12.6	61.8	25.6
AlfaCell Stable Expression	14.8	71.0	14.2

▲ The Alfaexpress Transient Expression Kit offers higher consistency compared to commercial transient expression.

GBB **Great Bay Bio**
AI Advance Bioprocessing



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