

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/Gα15/C5a
Cat. No.	M00327
Lot No.	R10131910-8
Host Cell:	CHO-K1/Gα15
Target Gene:	C5a
Quantity:	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition:	Dry Ice
Recommended Storage Condition:	Liquid Nitrogen

Stable Cell Line Information

Recommended Cell Culture Medium: Ham's F12, 10% FBS, 100 µg/ml Hygromycin B, 400 µg/ml G418

Freeze Medium: 45% culture medium, 45% FBS, 10% DMSO

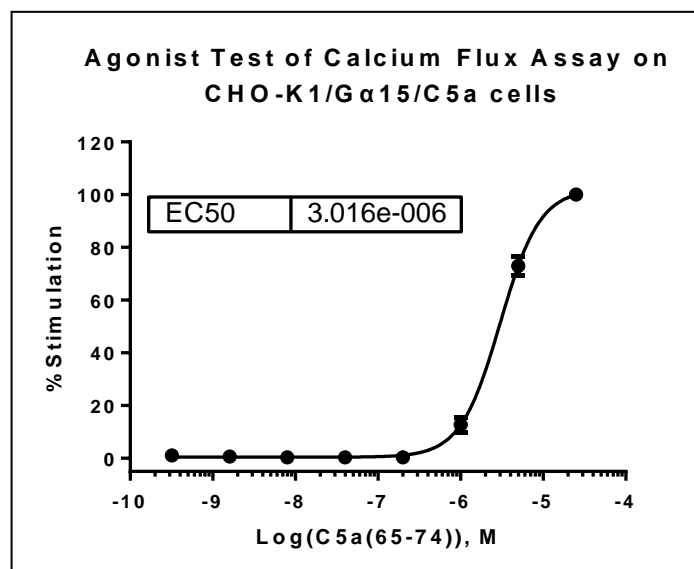
Application: Calcium Flux assay on C5a receptor.

Test Item	Specification	Result
Mycoplasma	Not detected*	Not detected*
Cell viability	>90%	95%
Function assay	Calcium Flux assay	EC ₅₀ = 3.016×10 ⁻⁶ M

* The mycoplasma test was performed with MycoAlert™ PLUS Mycoplasma Detection Kit of Lonza.

Appendix

Calcium Flux assay



C5a(65-74) induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/Gα15/C5a cells, $EC_{50} = 3.016 \times 10^{-6}$ M.

Caution

For research use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by:

Wang Yue

Date: 04/27/2020

Department of New Technology