

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/Gα15/CCR5
Cat. No.	M00523
Lot No.	R10051810-3
Host Cell:	CHO-K1/Gα15
Target Gene:	CCR5
Quantity:	1 vial 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, 3 µg/ml puromycin, 100 µg/ml Hygromycin B

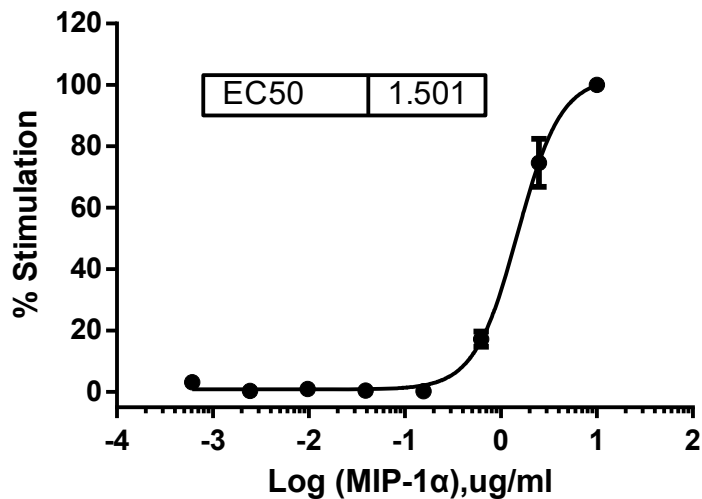
Freeze Medium: 45% culture medium, 45% FBS, 10% DMSO

Test Item	Specification	Result
Mycoplasma	Not detected*	Not detected*
Cell viability	>90%	95%
Function assay	Calcium Flux assay	EC ₅₀ = 1.501 µg/ml

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

Appendix

Calcium Flux assay

Agonist Test of Calcium Flux Assay on CCR5 Receptor

MIP-1a induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/Gα15/CCR5 cells, EC₅₀ = 1.501 ug/ml.

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 Yan

Date: 2/28/2019

Department of New Technology