

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/Gα15/H4
Cat. No.	M00289
Lot No.	R10181905-4
Host Cell:	CHO-K1/Gα15
Target Gene:	H4
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

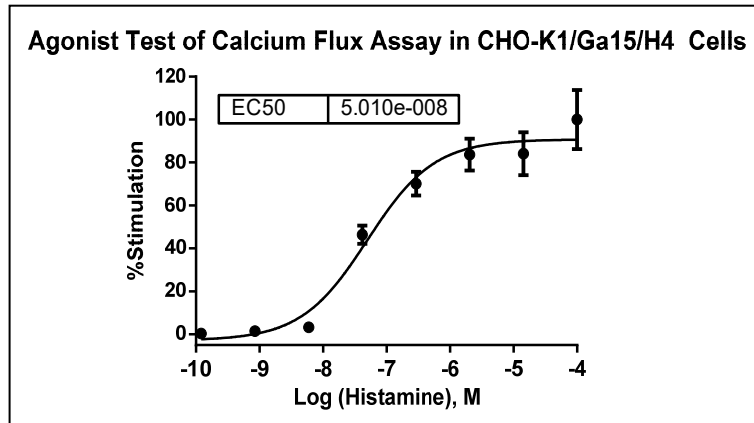
Freeze Medium: 45% culture medium, 45% FBS, 10% DMSO

Test Item	Specification	Result
Mycoplasma	Not detected*	Not detected*
Cell viability	>90%	95%
Function assay	Calcium Flux assay	EC ₅₀ = 5.010×10 ⁻⁸ M

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

Appendix

Calcium Flux assay



Histamine induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/Gα15/H4 cells, $EC_{50} = 5.010 \times 10^{-8}$ 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 Yan

Date: 6/11/2019

Department of New Technology