

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/M4/Gα15
Cat. No.	M00238
Lot No.	R10151908-4
Host Cell:	CHO-K1/ Gα15
Target Gene:	M4
Quantity:	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition:	Dry Ice
Storage Condition:	Liquid Nitrogen recommended, thaw and recovery the cells in 1 year from date received

Stable Cell Line Information

Recommended Cell Culture Medium: Ham's F-12K (Kaighn's), 10% FBS, 200 µg/ml Zeocin, 100 µg/ml Hygromycin B

Freeze Medium: 45% culture medium + 45% FBS+ 10% DMSO (V/V)

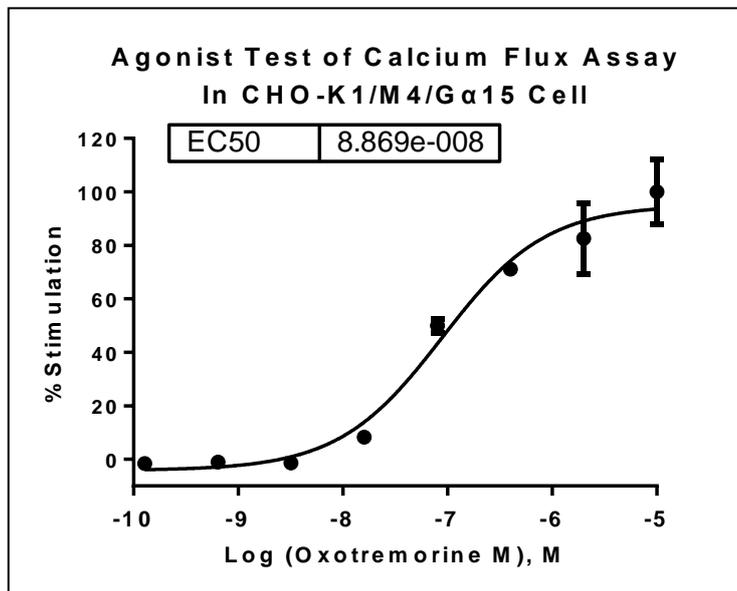
Application: Calcium Flux assay on M4 receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	95%
Function assay	Calcium Flux assay	EC ₅₀ = 8.869 X10 ⁻⁸ M

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

Appendix

Calcium Flux assay



Oxotremorine M-induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/M4/G α 15 cells. EC₅₀ = 8.869 X10⁻⁸ 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.

Wang Yan

Certified by: _____ Date: 09/03/2020
Department of Biologics Development Director