

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/Gα15/GPR68
Cat. No.	M00439
Lot No.	R50522207
Host Cell:	CHO-K1/Gα15
Target Gene:	GPR68
Size:	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition:	Dry Ice (-80°C)
Storage Condition:	Liquid Nitrogen (-196°C)

Stable Cell Line Information

Recommended Cell Culture Medium: F-12K, 10% FBS, 100 µg/ml Hygromycin B, 400 µg/ml Geneticin

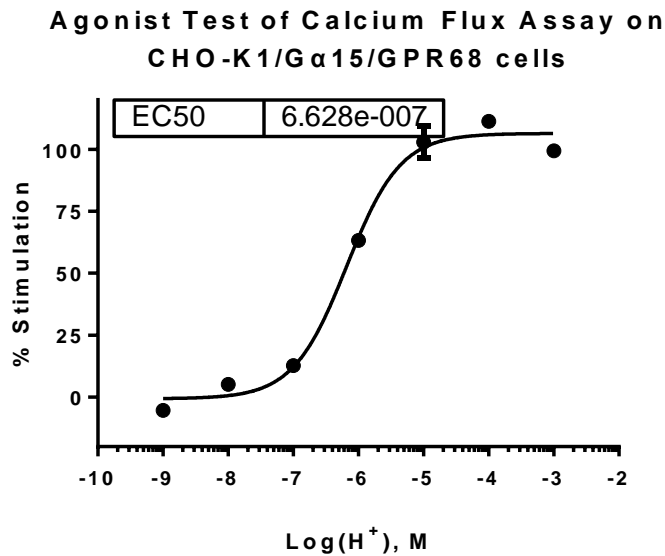
Freeze Medium: 95% complete growth medium, 5% DMSO

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>80%	96.8%
Quantity	>1x10 ⁶ cells/vial	1.96x10 ⁶ cells/vial

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

Appendix

Calcium Flux Assay



H⁺ induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/G α 15/GPR68 cells, EC₅₀ = 6.628 \times 10⁻⁷ M (pH=6.179).

Caution

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

Jinhong Chen
Certified by: _____ Date: 03/14/2022
Department of New Technology