

Version: 01

Update: 01/22/2024

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/GCGR/Gα15
Cat. No.	M00345
Lot No.	R50123B05
Host Cell	CHO-K1/Gα15
Target Gene	GCGR
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: Ham's F-12K+10% FBS+400 µg/ml G418+100 µg/ml Hygromycin B

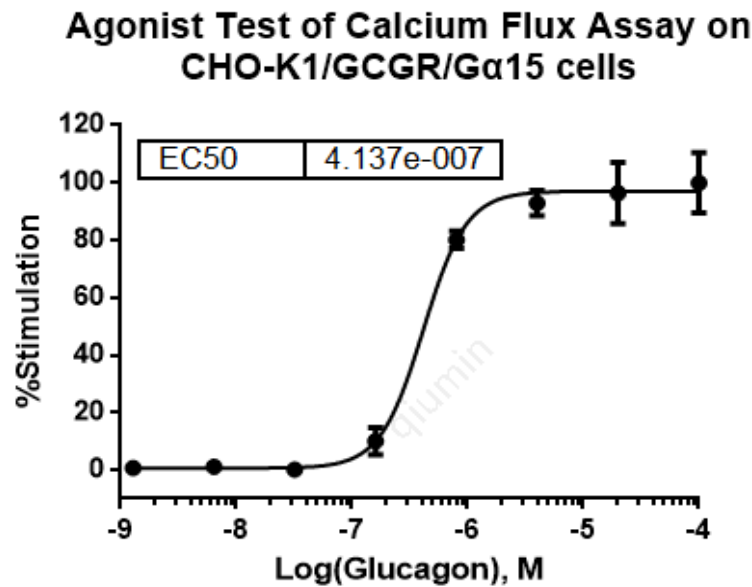
Freeze Medium: 45% culture medium+45% FBS+10% DMSO

Test Items	Specifications	Results
Mycoplasma	Negative*	Negative*
Cell viability	>90%	99.45%
Quantity	>1x10 ⁶ cells/vial	2.33x10 ⁶ cells/vial

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

Appendix

Calcium Flux Assay



Glucagon induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/GCGR /Gα15 cells, EC₅₀ =4.137×10⁻⁷ M.

Date: 01/22/2024

Approved by: *Min Qin*

Department of Reagent Product R&D

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