

Version: 01

Update: 01/22/2024

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/GLP1R/Gα15
Cat. No.	M00451
Lot No.	R50223B20
Host Cell	CHO-K1/Gα15
Target Gene	GLP1R
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+200 µg/ml Zeocin+100 µg/ml Hygromycin B

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

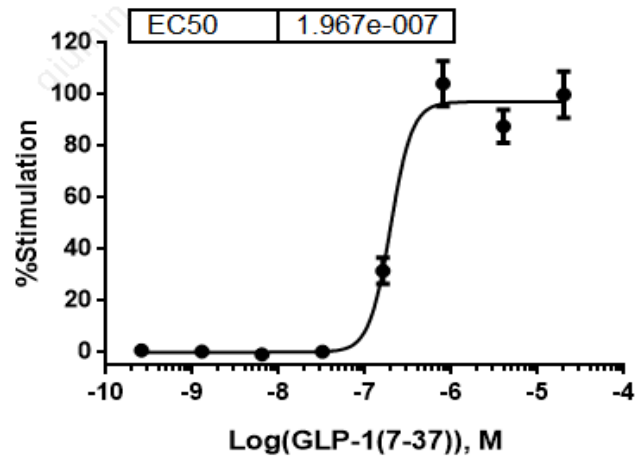
Test Items	Specifications	Results
Mycoplasma	Negative*	Negative*
Cell viability	>90%	99.63%
Quantity	>1x10 ⁶ cells/vial	2.47x10 ⁶ cells/vial

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

Appendix

Calcium Flux Assay

Agonist Test of Calcium Flux Assay on CHO-K1/Gα15/GLP1R cells



GLP-1(7-37) induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1 /Gα15/GLP1R cells, $EC_{50}=1.967 \times 10^{-7}$ M.

Date: 01/22/2024

Approved by: *Min Qin*

Department of Reagent Product R&D

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