

Version: 01

Update: 08292022

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/GALR2
Cat. No.	M00209
Lot No.	R10082107-2
Host Cell	CHO-K1
Target Gene	GALR2
Size	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition	Dry Ice (-80°C)
Storage Condition	Liquid Nitrogen (-196°C)

Quality Control

Recommended Cell Culture Medium: Ham's F-12K (Kaighn's), 10% FBS, 400 µg/ml G418

Freeze Medium: 45% F-12K, 45% FBS, 10% DMSO

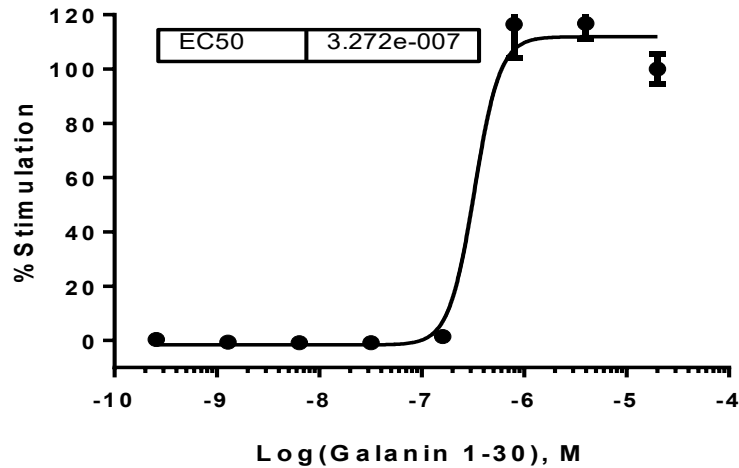
Test Items	Specifications	Results
Mycoplasma	Negative*	Negative*
Cell viability	>90%	99.38%
Quantity	>1x10 ⁶ cells/vial	2.48 x10 ⁶ cells/vial

* 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/GALR2 cells



Galanin1-30 induced concentration-dependent stimulation of intracellular Calcium mobilization in CHO-K1/GALR2 cells, $EC_{50}=3.272 \times 10^{-7}$ M.

Date: 08/29/2022

Approved by: *Min Qiu*

R&D Department of Reagent Product

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