

Version: 01

Update: 03/04/2024

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/GLP2/Gα15
Cat. No.	M00307
Lot No.	R51023B03
Host Cell:	CHO-K1/Gα15
Target Gene:	GLP2
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 (Kaighn's), 10% FBS, 200 µg/ml Zeocin, 100 µg/ml Hygromycin B

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

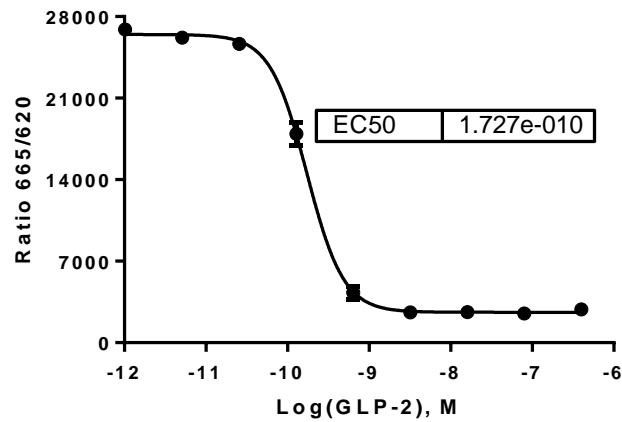
Application: cAMP assay and Calcium Flux assay on GLP2 receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	≥90%	98.74%
Quantity	>1x10 ⁶ cells/vial	1.96 x10 ⁶ cells/vial

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

cAMP assay

Agonist Test of cAMP Assay in CHO-K1/GLP2/G α 15 Cells



GLP-2-induced concentration-dependent stimulation of cAMP in CHO-K1/GLP2/G α 15 cells, $EC_{50}=0.173$ nM.

Date: 03/04/2024

Approved by: *Dan Jiang*

Department of Reagent Product R&D

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