

Version: 01

Update: 08232022

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/Gα15/FFA2 Stable Cell Line
Cat. No.	M00437
Lot No.	R50322603
Host Cell	CHO-K1/ Gα15
Target Gene	FFA2
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, 200 µg/ml Zeocin, 100 µg/ml Hygromycin B

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

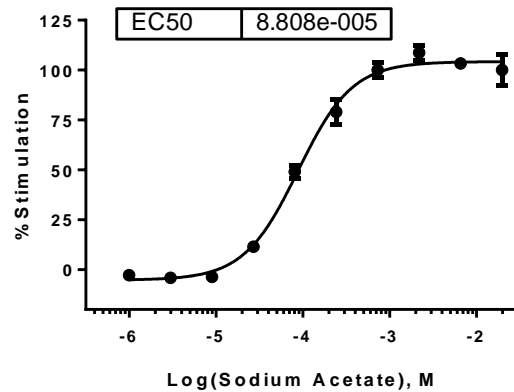
Test Items	Specifications	Results
Mycoplasma	Negative*	Negative*
Cell viability	>90%	98.85%
Quantity	>1x10 ⁶ cells/vial	2.75x10 ⁶ cells/vial

* 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/G α 15/FFA2 cells



Sodium Acetate induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/G α 15/FFA2 cells, $EC_{50} = 8.808 \times 10^{-5}$ M

Date: 08/23/2022

Jinhong Chen

Approved by:

R&D Department of Reagent Product

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