

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/Gα15/CCKA
Cat. No.	M00271
Lot No.	R10072010
Host Cell:	CHO-K1/Gα15
Target Gene:	CCKA
Quantity:	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition:	Dry Ice
Storage Condition:	Liquid Nitrogen

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

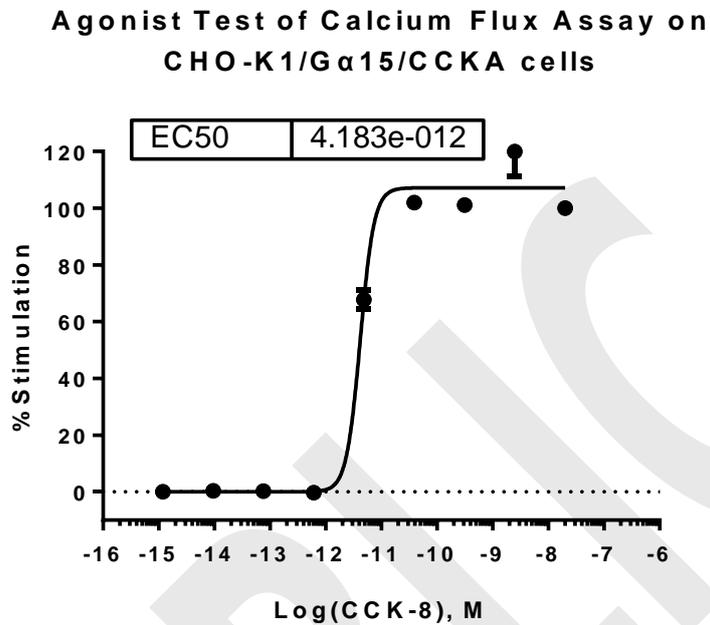
Application: Calcium Flux assay on CCKA receptor.

Test Item	Specification	Result
Mycoplasma	Negative *	Negative *
Cell viability	>90%	96%
Function assay	Calcium Flux assay	EC ₅₀ = 4.183x10 ⁻¹² M

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

Appendix

Calcium Flux Assay



CCK-8 induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/Gα15/CCKA cells, $EC_{50} = 4.183 \times 10^{-12}$ M.

Caution

For research use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by:

Dan Jiang

Date: 11/17/2020

Department of New Technology