

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/CNR2
Cat. No.	M00433
Lot No.	R10272008
Host Cell:	CHO-K1
Target Gene:	CNR2
Quantity:	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition:	Dry Ice
Recommended Storage Condition:	Liquid Nitrogen

Stable Cell Line Information

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

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

Application: Intracellular cAMP accumulation assay on CNR2 receptor.

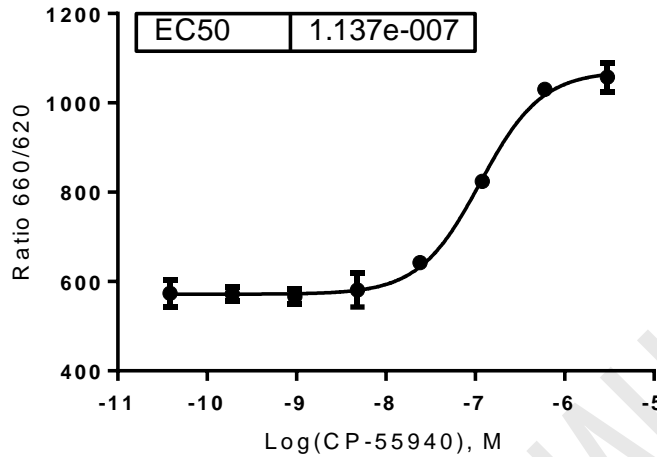
Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	93%
Function assay	cAMP assay	EC ₅₀ = 1.137×10 ⁻⁷ M

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

Appendix

cAMP Assay

Agonist test of cAMP Assay in CHO-K1/CNR2 cells



CP-55940 induced concentration-dependent stimulation of intracellular cAMP in CHO-K1/CNR2 cells, $EC_{50}=1.137 \times 10^{-7}$ 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: 05/20/2021

Department of New Technology