

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/ADORA2A/Gα15
Cat. No.	M00246
Lot No.	R10071909-3
Host Cell:	CHO-K1/Gα15
Target Gene:	ADORA2A
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, 200 µg/ml Zeocin, 100 µg/ml Hygromycin B

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

Application: cAMP assay for ADORA2A receptor

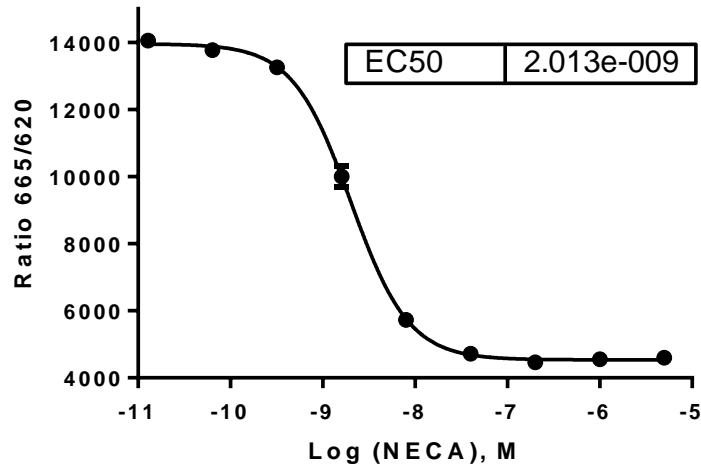
Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	95%
Function assay	cAMP assay	EC ₅₀ = 2.013×10 ⁻⁹ M

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

Appendix

cAMP assay

cAMP accumulation in CHO-K1/ADORA2a/G α 15 cells



NECA-induced concentration-dependent stimulation of intracellular cAMP accumulation in CHO-K1/ADORA2A/G α 15 cell, EC₅₀= 2.013 \times 10⁻⁹ 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: 07/23/2020

Department of New Technology