

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name	CHO-K1/ADORA2B/Gα15
Cat. No.	M00329
Lot No.	R10131808
Host Cell:	CHO-K1
Target Gene:	ADORA2B/Gα15
Quantity:	2 vials of frozen cells, > 1x10 <sup>6</sup> cells/vial
Shipping Condition:	Dry Ice
Recommended Storage Condition:	Liquid Nitrogen

### Stable Cell Line Information

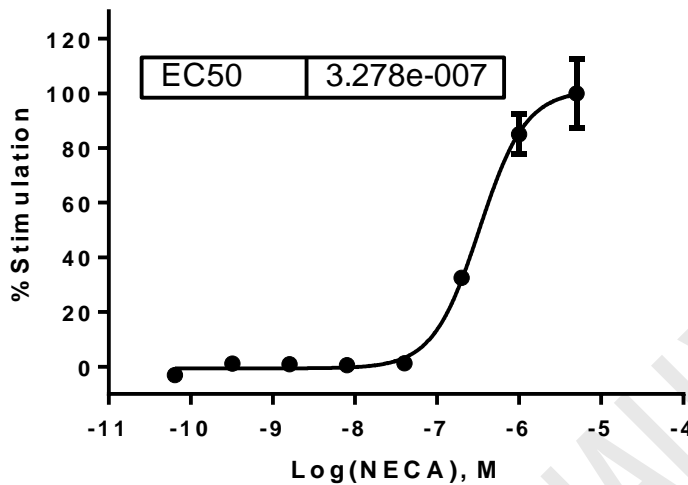
**Recommended Cell Culture Medium:** Ham's F-12K, 10% FBS, 400 µg/ml G418, 100 µg/ml Hygromycin B

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

**Application:** Intracellular calcium mobilization on ADORA2B receptor

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	95%
Function assay	Calcium Flux assay	EC <sub>50</sub> =3.278×10 <sup>-7</sup> M

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

**Appendix****Calcium Flux Assay on ADORA2B/CHO-K1/G $\alpha$ 15**

NECA-induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/ADORA2B/G $\alpha$ 15 cells.

**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:

Wang Yan

Date: 10/23/2018

Department of New Technology