

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/GPBAR1
Cat. No.	M00432
Lot No.	R10152102
Host Cell:	CHO-K1
Target Gene:	GPBAR1
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

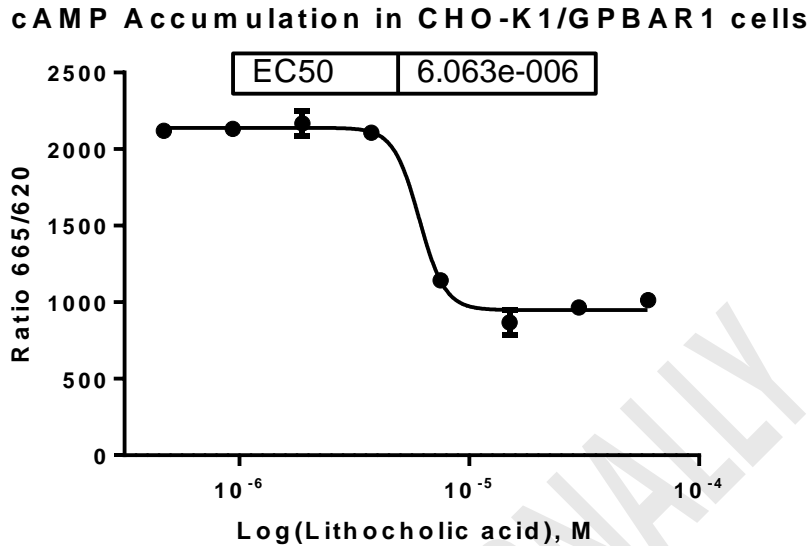
Freeze Medium: 45% culture medium, 45% FBS, 10% DMSO

Test Item	Specification	Result
Mycoplasma	Negative *	Negative *
Cell viability	>90%	95%
Function assay	cAMP assay	EC ₅₀ = 6.063×10 ⁻⁶ M

* The mycoplasma test was performed with Myco-Lumi™ Luminescent Mycoplasma Detection Kit of Beyotime.

Appendix

cAMP assay



Lithocholic acid induced concentration-dependent stimulation of intracellular cAMP accumulation in CHO-K1 cells, $EC_{50}=6.063 \times 10^{-6}$ 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: *Hongmei Chen* Date: 03/22/2021
Department of New Technology