

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/GNRHR/Gα15
Cat. No.	M00426
Lot No.	R10151808
Host Cell:	CHO-K1/Gα15
Target Gene:	GNRHR
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 F12, 10% FBS, 100 µg/ml Hygromycin B, 400 µg/ml G418

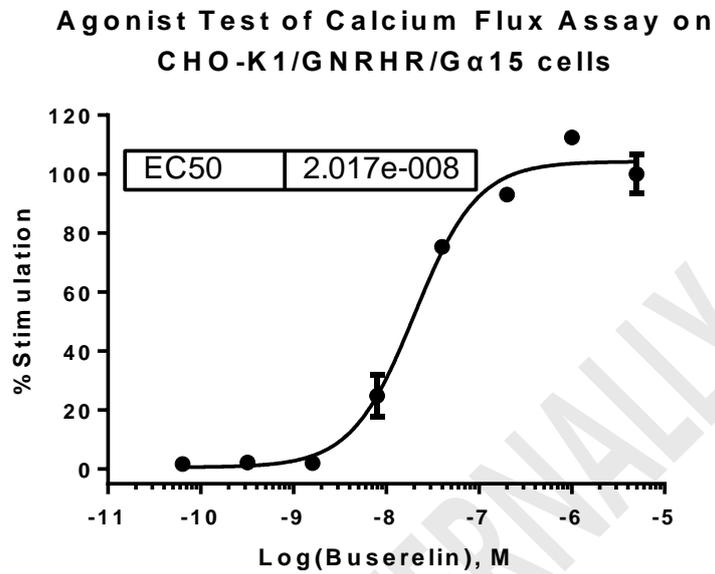
Freeze Medium: 45% culture medium, 45% FBS, 10% DMSO

Test Item	Specification	Result
Mycoplasma	Negative *	Negative *
Cell viability	>90%	95%
Function assay	Calcium Flux assay	EC ₅₀ =2.017×10 ⁻⁸ M

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

Appendix

Calcium Flux assay



Buserelin-induced concentration-dependent inhibition of intracellular cAMP accumulation in CHO-K1/GNRHR /G α 15 cells, EC₅₀=2.017 \times 10⁻⁸ 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.

Dan Jiang
Certified by: _____ Date: 12/11/2020
Department of New Technology