

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/SST3/Gα15
Cat. No.	M00285
Lot No.	R10242104-3
Host Cell:	CHO-K1/ Gα15
Target Gene:	SST3
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, 200 µg/ml Zeocin, 100 µg/ml Hygromycin B

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

Application: Intracellular calcium mobilization on SST3 receptor.

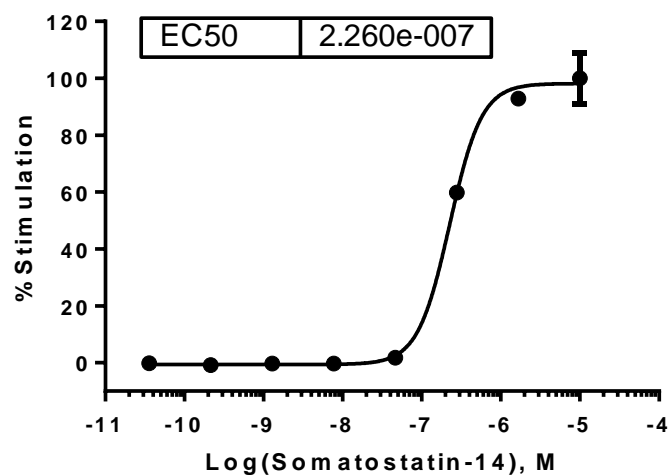
Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	96%
Function assay	Calcium Flux assay	EC ₅₀ = 2.26×10 ⁻⁷ M

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

Appendix

Calcium Flux Assay

Agonist Test of Calcium Flux Assay on CHO-K1/SST3/G α 15 cells



Somatostatin-14 induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/SST3/G α 15 cells, EC₅₀ = 2.26 × 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: 04/28/2021
Department of New Technology