

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name	CHO-K1/SST2/Gα15
Cat. No.	M00325
Lot No.	R10151810
Host Cell:	CHO-K1
Target Gene:	SST2/Gα15
Quantity:	2 vials of frozen cells, > 1x10 <sup>6</sup> cells/vial
Shipping Condition:	Dry Ice
Recommended Storage Condition:	Liquid Nitrogen

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### Stable Cell Line Information

**Recommended Cell Culture Medium:** Ham's F12, 10% FBS, 400 µg/ml Zeocin, 200 µg/ml Hygromycin B

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

**Application:** Intracellular calcium mobilization on SST2 receptor.

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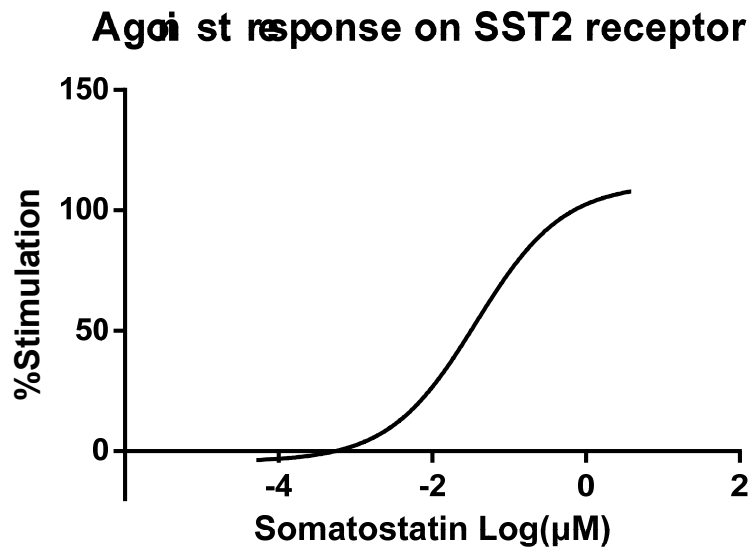
Test Item	Specification	Result
Mycoplasma	Not detected*	Not detected*
Cell viability	>90%	95%
Function assay	Calcium Flux assay	EC <sub>50</sub> = 37.03 nM

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

**Appendix**

## Calcium Flux Assay



Somatostatin induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/SST2/G $\alpha$ 15 cells, EC<sub>50</sub> = 37.03 nM.

**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: 10/30/2018

Department of New Technology