

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name	CHO-K1/NTS1
Cat. No.	M00194
Lot No.	R10212104
Host Cell:	CHO-K1
Target Gene:	NTS1
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 F-12K, 10% FBS, 400 µg/ml G418

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

**Application:** Intracellular calcium mobilization assay on NTS1 receptor.

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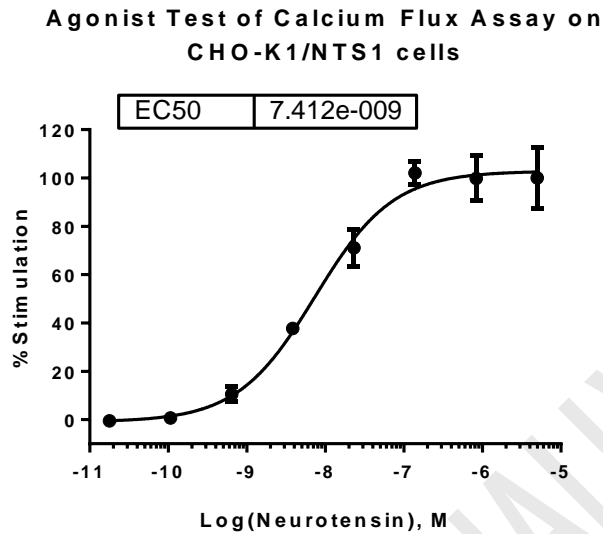
Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	95%
Function assay	Calcium Flux assay	EC <sub>50</sub> = 7.412x10 <sup>-9</sup> M

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

## Appendix

### Calcium Flux Assay



Neurotensin induced concentration-dependent stimulation of intracellular calcium mobilization on CHO-K1/NTS1 cells,  $EC_{50}=7.412 \times 10^{-9}$  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: 05/20/2021  
Department of New Technology