

# CERTIFICATE OF ANALYSIS

## Product Information

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Product Name	CHO-K1/BB2
Cat. No.	M00182
Lot No.	R10091912-3
Host Cell:	CHO-K1
Target Gene:	BB2
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 (Kaighn's), 10% FBS, 400 µg/ml G418

**Freeze Medium:** 45% Ham's F-12K (Kaighn's), 45% FBS, 10% DMSO.

**Application:** Intracellular calcium mobilization assay on BB2 receptor.

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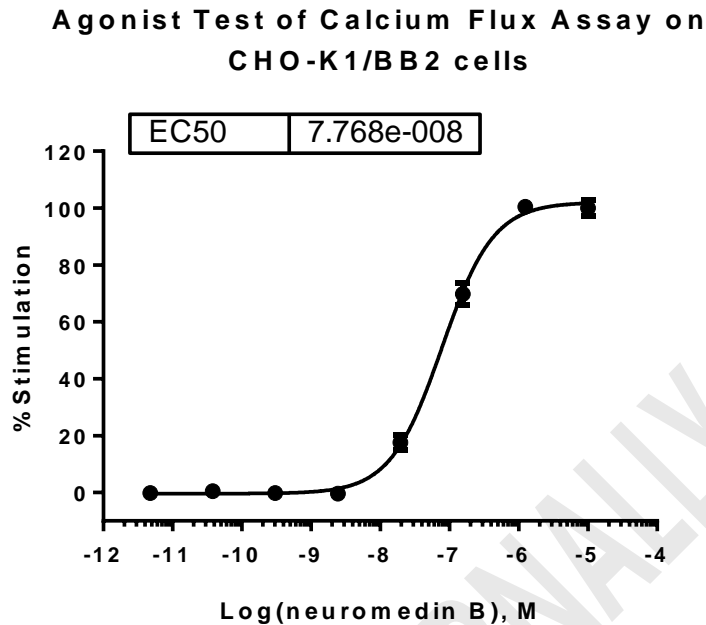
Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	96.75%
Function assay	Calcium Flux assay	EC <sub>50</sub> = 7.768X10 <sup>-8</sup> M

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

## Appendix

## Calcium Flux Assay



neuromedin B induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/BB2 cells,  $EC_{50}=7.768 \times 10^{-8}$  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.

Certified by: *Dan Jiang* Date: 12/01/2021  
Department of New Technology