

Version: 01

Update: 07/18/2022

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name	CHO-K1/BB3
Cat. No.	M00183
Lot No.	R50622302
Host Cell:	CHO-K1
Target Gene:	BB3
Size:	2 vials of frozen cells, > 1x10 <sup>6</sup> cells/vial
Shipping Condition:	Dry Ice (-80°C )
Storage Condition:	Liquid Nitrogen (-196°C)

### Stable Cell Line Information

**Recommended Cell Culture Medium:** Ham's F-12K (Kaighn's), 10% FBS, 400ug/ml G418

**Freeze Medium:** 45% culture medium, 45% FBS, 10% DMSO (Cat. #D2650, Sigma)

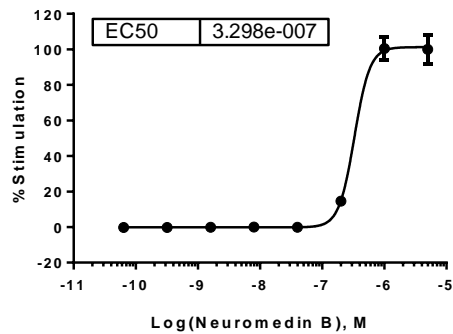
**Application:** Calcium Flux assay on BB3 receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	98.66%
Quantity	>1x10 <sup>6</sup> cells/vial	2.67x10 <sup>6</sup> cells/vial

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

## Calcium Flux assay

### Agonist Test of Calcium Flux Assay on CHO-K1/BB3 cells



Neuromedin B induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/BB3 cells,  $EC_{50} = 3.298 \times 10^{-7} M$ .

Date: 07/18/2022

Approved by: *Dan Jiang*

Department of Reagent Product R&D

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