

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name	CHO-K1/B2/Gα15
Cat. No.	M00184
Lot No.	R10051907-2
Host Cell:	CHO-K1/Gα15
Target Gene:	B2
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-12, 10% FBS, 400 µg/ml G418 , 100 µg/ml Hygromycin B

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

**Application:** Calcium flux assay on B2 receptor.

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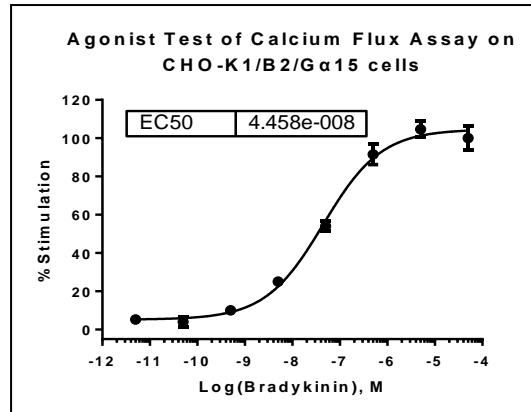
Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	95%
Function assay	Calcium flux assay	EC <sub>50</sub> =4.458x10 <sup>-8</sup> M

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

## Appendix

### 1. Calcium Flux Assay



Bradykinin-induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/B2/Gα15 cells,  $EC_{50}=4.458 \times 10^{-8}$  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: *Wang Yue* Date: 07/19/2019  
Department of New Technology