

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name	CHO-K1/Gα15/PAR2
Cat. No.	M00446
Lot No.	R10122008-3
Host Cell:	CHO-K1/Gα15
Target Gene:	PAR2
Quantity:	2 vials of frozen cells, > 3x10 <sup>6</sup> cells/vial
Shipping Condition:	Dry Ice
Storage Condition:	Liquid Nitrogen recommended, thaw and recovery the cells in 1 year from date received

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### Stable Cell Line Information

**Recommended Cell Culture Medium:** Ham's F-12K, 10% FBS, 200 µg/ml Zeocin, 100 µg/ml Hygromycin B

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

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

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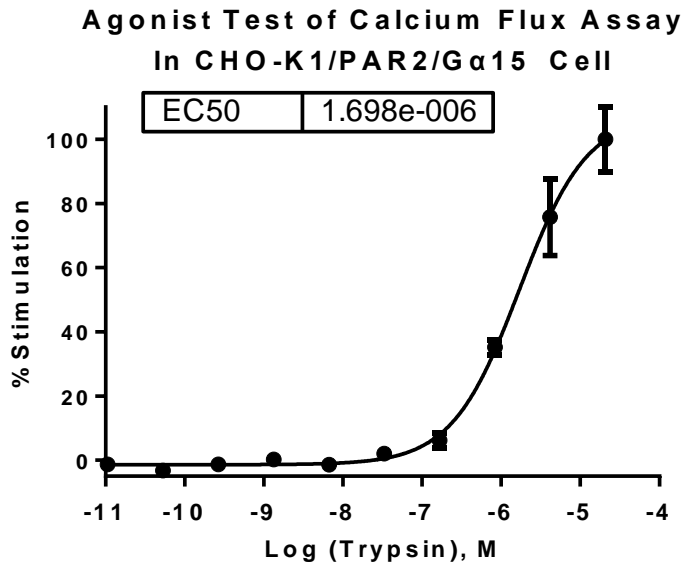
Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	95%
Function assay	Calcium Flux assay	EC <sub>50</sub> =1.698X10 <sup>-6</sup> M

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

## Appendix

### Calcium Flux Assay



Trypsin induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/G $\alpha$ 15/PAR2 cells,  $EC_{50} = 1.698 \times 10^{-6}$  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.

For laboratory or further manufacturing 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: 09/21/2020

Department of New Technology