

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name	CHO-K1/EDNRB
Cat. No.	M00150
Lot No.	R10061912-5
Host Cell:	CHO-K1
Target Gene:	EDNRB
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:** F-12K, 10% FBS, 200 µg/ml Zeocin

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

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

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Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	97.97%
Function assay	Calcium Flux assay	EC <sub>50</sub> = 4.150x10 <sup>-8</sup> M

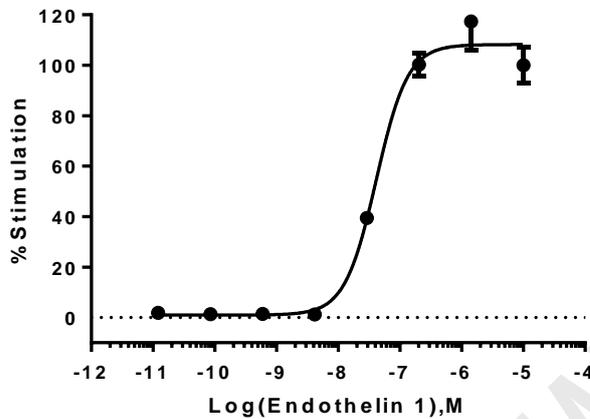
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\* The mycoplasma test was performed with MycoAlert™ PLUS Mycoplasma Detection Kit of Lonza.

## Appendix

### Calcium Flux assay

Agarose Test of Calcium Flux Assay on  
CHO-K1/EDNRB cells



ET-1-induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/EDNRB cells.  
 $EC_{50} = 4.150 \times 10^{-8} M$ .

### 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: 01/14/2021  
Department of New Technology