

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name	HEK293/FP/Gα15
Cat. No.	M00155
Lot No.	R10121812-4
Host Cell:	HEK293/Gα15
Target Gene:	FP
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:** DMEM, 10% FBS, 200 µg/ml Zeocin, 250 µg/ml G418, 100 µg/ml Hygromycin B

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

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

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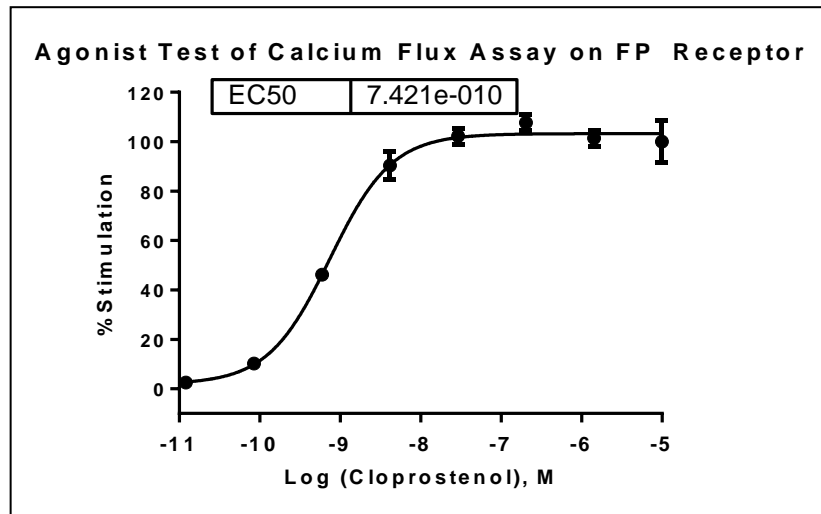
Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	95%
Function assay	Calcium Flux assay	EC <sub>50</sub> = 7.421×10 <sup>-10</sup> M

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

## Appendix

### Calcium Flux assay



Cloprostenol induced concentration-dependent stimulation of intracellular calcium mobilization in HEK293/FP/G $\alpha$ 15 cells,  $EC_{50} = 7.421 \times 10^{-10} M$

### 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 Yan

Date: 03/01/2019

Department of New Technology