

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name	RH7777/EDG4
Cat. No.	M00463
Lot No.	R10071810-3
Host Cell:	RH7777
Target Gene:	LPAR2
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, 100 µg/ml G418

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

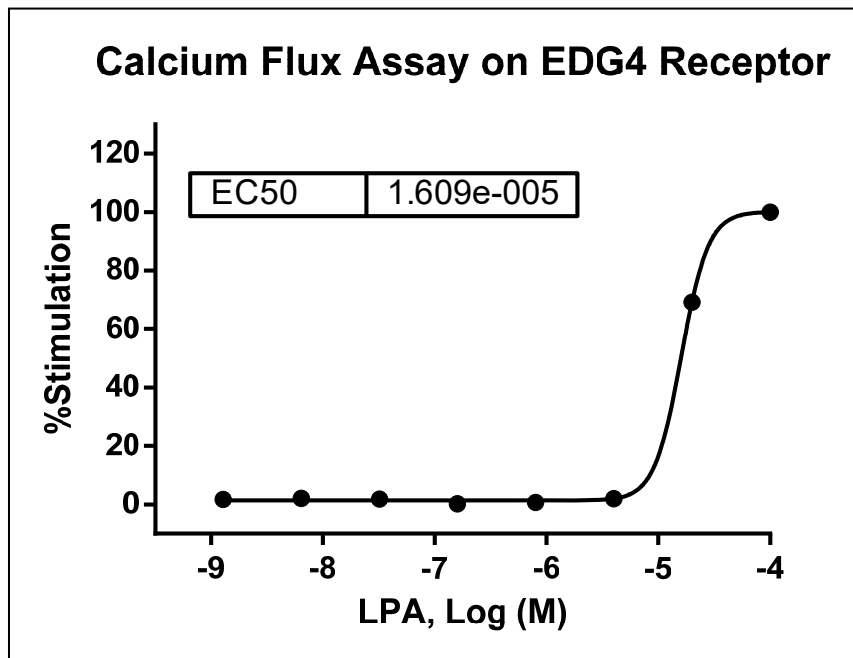
**Application:** Intracellular calcium mobilization on EDG4 receptor.

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Test Item	Specification	Result
Mycoplasma	Not detected*	Not detected*
Cell viability	>90%	95%
Function assay	Calcium Flux assay	EC <sub>50</sub> = 1.609×10 <sup>-5</sup> M

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

**Appendix****Calcium Flux Assay**

LPA induced concentration-dependent stimulation of intracellular calcium mobilization in RH7777/EDG4 cells,  $EC_{50} = 1.609 \times 10^{-5}$  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: 10/29/2018

Department of New Technology