

## CERTIFICATE OF ANALYSIS

### Product Information

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Product Name	CHO-K1/CCR5/Gα15
Cat. No.	M00523
Lot No.	R10051810
Host Cell:	CHO-K1/Gα15
Target Gene:	CCR5
Quantity:	2 vials of frozen cells, > 1x10 <sup>6</sup> cells/vial
Shipping Condition:	Dry Ice
Storage Condition:	Liquid Nitrogen

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### Stable Cell Line Information

**Recommended Cell Culture Medium:** Ham's F-12K (Kaighn's), 10% FBS, 3 µg/ml puromycin, 100 µg/ml Hygromycin B

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

**Application:** Calcium Flux assay on CCR5 receptor.

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Test Item	Specification	Result
Mycoplasma	Negative *	Negative *
Cell viability	>90%	98.18%
Function assay	Calcium Flux assay	EC <sub>50</sub> = 0.2848 ug/ml

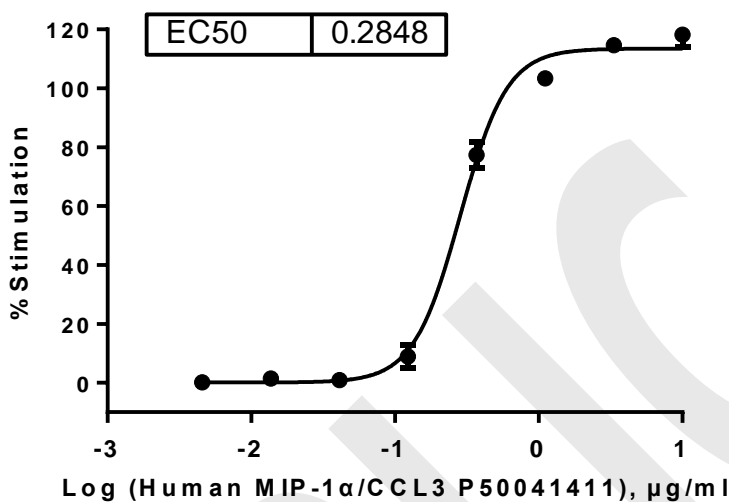
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\* The mycoplasma test was performed with MycoAlert™ PLUS Mycoplasma Detection Kit of Lonza.

## Appendix

### Calcium Flux Assay

#### Agonist Test of Calcium Flux Assay on CCR5 Receptor



Human MIP-1α induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/CCR5/Gα15 cells,  $EC_{50}$  = 0.2848 µg/ml.

### 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: *Min Qiu* Date: 01/04/2023  
Department of New Technology