

Version: 01

Update: 02/02/2024

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/Gα15/CXCR3
Cat. No.	M00525
Lot No.	R10251908-5
Host Cell:	CHO-K1/Gα15
Target Gene:	CXCR3
Size:	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition:	Dry Ice (-80°C)
Storage Condition:	Liquid Nitrogen (-196°C)

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

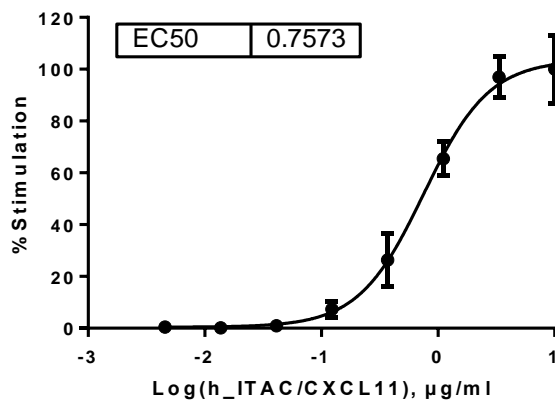
Application: Calcium Flux assay on CXCR3 receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	≥90%	94.26%
Quantity	>1x10 ⁶ cells/vial	2.37 x10 ⁶ cells/vial

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

Calcium Flux assay

Agonist Test of Calcium Flux Assay on CHO-K1/G α 15/CXCR3 cells



h_ITAC/ CXCL11- induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/G α 15/CXCR3 cells, EC₅₀=757.3 ng/ml.

Date: 02/02/2024

Approved by: *Dan Jiang*

Department of Reagent Product R&D

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