

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/Gα15/CXCR5
Cat. No.	M00526
Lot No.	R10071808
Host Cell:	CHO-K1
Target Gene:	Gα15/CXCR5
Quantity:	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition:	Dry Ice
Recommended Storage Condition:	Liquid Nitrogen

Stable Cell Line Information

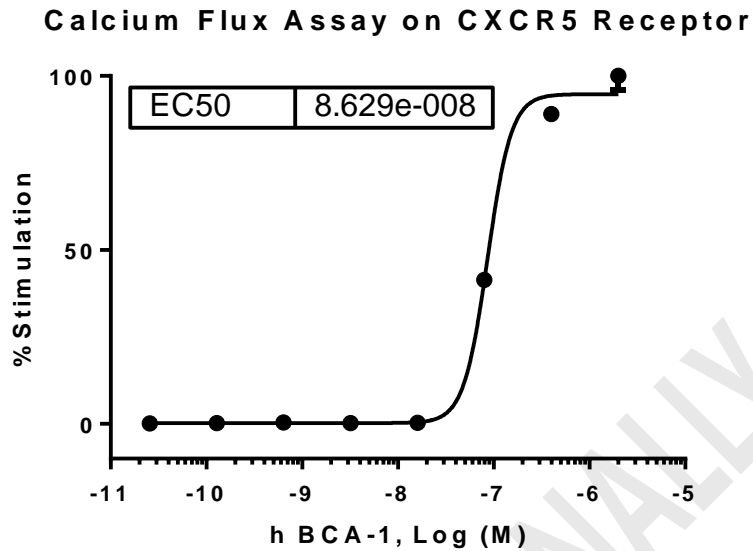
Recommended Cell Culture Medium: Ham's F-12K, 10% FBS, 3 µg/ml puromycin, 100 µg/ml Hygromycin B

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

Application: Intracellular calcium mobilization on CXCR5 receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	100%
Function assay	Calcium Flux assay	EC ₅₀ =8.629x10 ⁻⁸ M

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

Appendix
Calcium Flux Assay


hBCA-1 induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/ $G\alpha 15/CXCR5$ cells, $EC_{50}=8.63 \times 10^{-8}$ 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:

Wang Yan

Date: 10/23/2018

Department of New Technology