

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/EP2/Gα15
Cat. No.	M00311
Lot No.	R10112004-4
Host Cell:	CHO-K1 /Gα15
Target Gene:	EP2
Quantity:	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition:	Dry Ice
Recommended Storage Condition:	Liquid Nitrogen

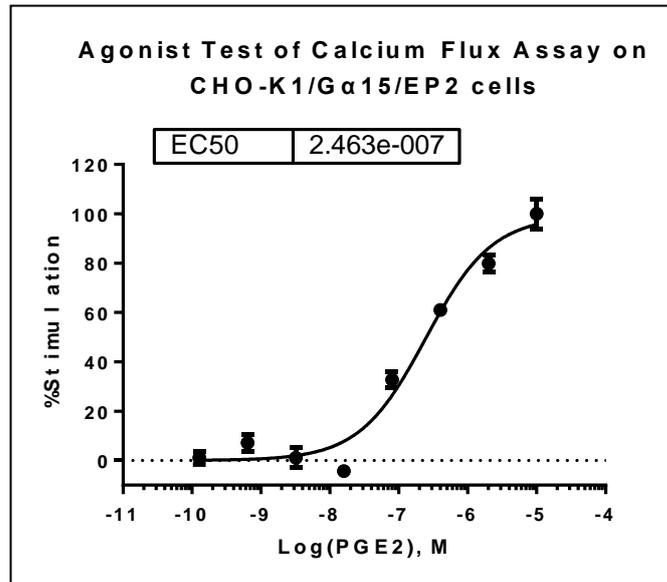
Stable Cell Line Information

Recommended Cell Culture Medium: Ham's F-12K, 10% FBS, 400 µg/ml Geneticin, 100 µg/ml Hygromycin B

Application: Intracellular calcium mobilization on EP2 receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	94%
Function assay	Calcium Flux assay	EC ₅₀ = 2.463×10 ⁻⁷ M

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

Appendix**Calcium Flux Assay**

PGE2-induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/EP2/G α 15 cells, $EC_{50} = 2.463 \times 10^{-7}$ 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: *Dan Jiang* Date: 09/29/2020
Department of New Technology