

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/D2/Gα15
Cat. No.	M00152
Lot No.	R10071901 -8
Host Cell:	CHO-K1
Target Gene:	D2/Gα15
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 F12, 10% FBS, 200 µg/ml Zeocin, 100 µg/ml Hygromycin B

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

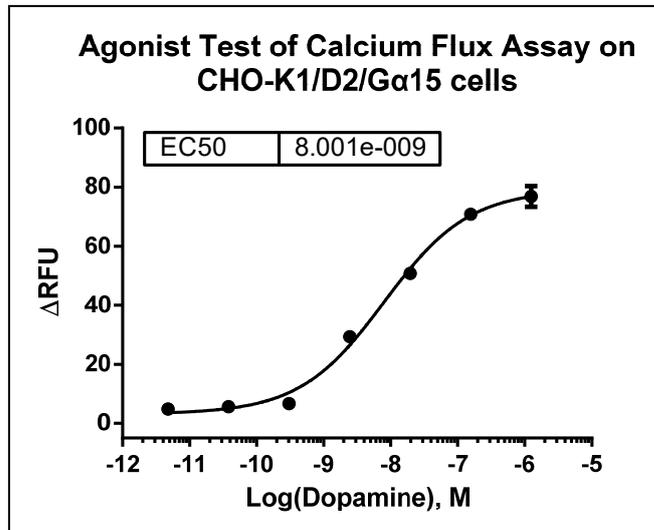
Application: Calcium Flux assay on D2 receptor.

Test Item	Specification	Result
Mycoplasma	Not detected*	Not detected*
Cell viability	>90%	95%
Function assay	Calcium Flux assay	EC50= 8.0×10 ⁻⁹ M

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

Appendix

1. Calcium Flux assay



Dopamine induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/D2/Gα15 cells, $EC_{50} = 8.0 \times 10^{-9}$ 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: 2/22/2019

Department of New Technology