

CERTIFICATE OF ANALYSIS

Product Information

| | |
|---------------------|---|
| Product Name | CHO-K1/CNR1/Gα15 |
| Cat. No. | M00299 |
| Lot No. | R10011904 |
| Host Cell: | CHO-K1/ Gα15 |
| Target Gene: | CNR1 |
| Quantity: | 2 vials of frozen cells, > 1x10 ⁶ cells/vial |
| Shipping Condition: | Dry Ice |
| Storage Condition: | Liquid Nitrogen recommended, thaw and recovery the cells in 1 year from date received |

Stable Cell Line Information

Recommended Cell Culture Medium: Ham's F-12K, 10% FBS, 100 µg/ml Hygromycin B, 200 µg/ml Zeocin

Freeze Medium: 45% culture medium + 45% FBS + 10% DMSO (V/V)

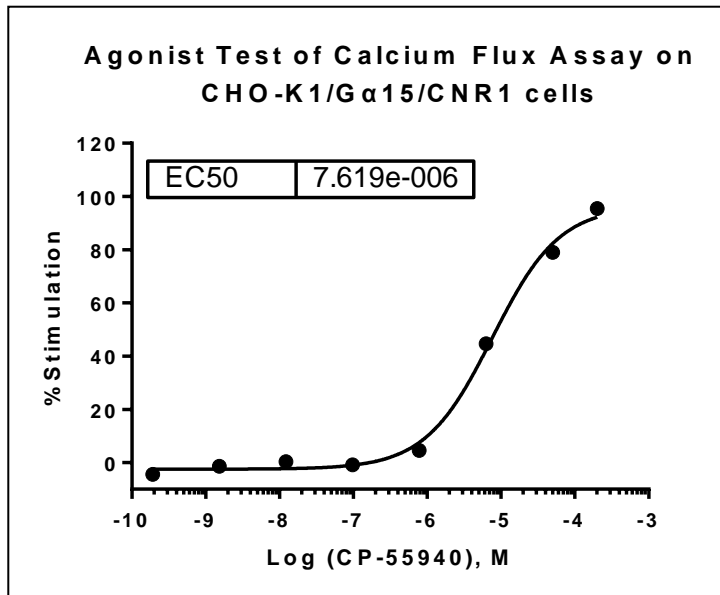
Application: Calcium Flux assay on CNR1 receptor.

| Test Item | Specification | Result |
|----------------|--------------------|---|
| Mycoplasma | Negative* | Negative* |
| Cell viability | >90% | 95% |
| Function assay | Calcium Flux assay | EC ₅₀ = 7.619x10 ⁻⁶ M |

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

Appendix

Calcium Flux assay



CP-55940 induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/CNR1/G α 15 cells, $EC_{50} = 7.619 \times 10^{-6}$ 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.

Certified by: *Wang Yue* Date: 03/17/2020
Department of Biologics Development Director