

Version: 01

Update: 07/28/2023

CERTIFICATE OF ANALYSIS

Product Information

| | |
|---------------------|---|
| Product Name | CHO-K1/CRF2/Gα15 |
| Cat. No. | M00208 |
| Lot No. | R51222802 |
| Host Cell: | CHO-K1 |
| Target Gene: | CRF2 |
| 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, 400 µg/ml G418, 200 µg/ml Hygromycin B

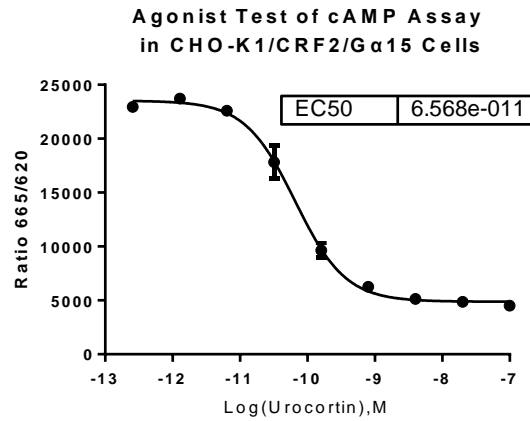
Freeze Medium: 45% culture medium, 45% FBS, 10% DMSO

Application: cAMP assay on CRF2 receptor.

| Test Item | Specification | Result |
|----------------|-------------------------------|----------------------------------|
| Mycoplasma | Negative* | Negative* |
| Cell viability | ≥90% | 99% |
| Quantity | >1x10 ⁶ cells/vial | 2.43 x10 ⁶ cells/vial |

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

cAMP assay



Urocortin-induced concentration-dependent stimulation of cAMP in CHO-K1/CRF2/G α 15 cells, EC₅₀= 0.066 nM.

Date: 07/28/2023

Approved by: *Dan Jiang*

Department of Reagent Product R&D

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