

**CHO-CCR8 | 305418**

**CHO-CCR8**

**Description**

CHO-CCR8 is a CHO cell line expressing the CCR8 receptor. The cells are derived from CHO (Chinese hamster ovary) cells and are stably transfected with the CCR8 gene. The cells are used for the production of recombinant proteins and for the study of CCR8 signaling pathways. The cells are maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml hydrocortisone. The cells are characterized by their high growth rate and their ability to produce large amounts of recombinant protein.

**Organism**      CHO

**Tissue**            CHO

**CHO-CCR8**

**Age**                1-2 months

**Gender**            Male

**Morphology**      Adherent

**Growth properties**      High/High

**CHO-CCR8**

**Citation**            CHO-CCR8 (CHO-CCR8 Cytion 305418)

**Biosafety level**    1

**NCBI\_TaxID**        10029

**GMO Status**        GMO-S1: CHO cells expressing CCR8 receptor GPCR.

**CHO-CCR8**

**Receptors expressed**      CCR8 (CHEMR1 CDw198)

# Product sheet

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### CHO-CCR8

**Culture Medium** DMEM:Ham's F12 (1:1), w: 3.1 g/L  $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$ , w: 2.5 mM L- $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$ , w: 15 mM HEPES, w: 0.5 mM  $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ , w: 820400a)  
CHO Growth Medium A (InSCREENeX; InSCREENeX INS-ME-1039)

**Supplements** Geneticin (G418-Sulfat) 0.5 mg/ml

**Dissociation Reagent** Trypsin-EDTA

**Subculturing** 1:2 to 1:3 in CO<sub>2</sub>

**Fluid renewal** 2-3 times

**Post-Thaw Recovery** 1:2 to 1:3 in T25 flasks

**Freeze medium** FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
  2. Dilute cells into fresh medium.
  3. Seed cells into T25 flasks.
  4. Allow cells to recover for 24 hours.
  5. Perform a fluid change.
  6. Seed cells into new flasks.
  7. Allow cells to reach confluence.
  8. Harvest cells for analysis.

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**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>,  $\alpha$ -MEM

**Flask Coating** Cell culture medium, 10% FBS

**Freezing Procedure** 10% FBS, 10% DMSO, 80% MEM, -78°C

**Shipping Conditions** -78°C

**Storage Conditions** -150 to 196 °C

CHO-CCR8 / HLA

**Sterility** PCR,  $\alpha$ -MEM, 10% FBS, 10% DMSO, 80% MEM