

CHO-CCR8 CHO-CCR8 | 305418

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Description

CHO-CCR8 CHO-CCR8 (305418) is a CHO cell line expressing the CCR8 receptor. The cells are derived from CHO-K1 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.

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Organism CHO-CCR8 CHO-CCR8

Tissue CHO-CCR8 CHO-CCR8

Disease CHO-CCR8 CHO-CCR8 CCR8

Applications CHO-CCR8 CHO-CCR8 CCR8

CHO-CCR8 CHO-CCR8

Age CHO-CCR8 CHO-CCR8

Gender CHO-CCR8 CHO-CCR8

Morphology CHO-CCR8 CHO-CCR8

Cell type CHO-CCR8 CHO-CCR8

Growth properties CHO-CCR8 CHO-CCR8

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Citation CHO-CCR8 (305418) (305418)

Biosafety level 1

NCBI_TaxID 10029

CellosaurusAccession CVCL_A8V6

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GMO Status GMO-S1: CHO CHO CCR8 GPCR.

Receptors expressed CCR8 (CHEMR1 CDw198)

Culture Medium DMEM: DMEM:Ham's F12 (1:1) 3.1 2.5 15
CHO A (InSCREENeX InSCREENeX INS-ME-1039)

Supplements 5 FBS (G418-Sulfat) 0.5

Dissociation Reagent

Doubling time 14-16

Subculturing

Split ratio 1 5

Seeding density 2 5

Fluid renewal 2 3

Post-Thaw Recovery 1:2 1:3 T25

Freeze medium (FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath. Transfer the cells to a 15 mL centrifuge tube and centrifuge at 300 x g for 5 minutes. Remove the supernatant and resuspend the cells in 10 mL of pre-warmed DMEM supplemented with 10% FBS. Seed the cells into a T75 flask.
2. Incubate the cells in a 37°C incubator with 5% CO₂ until they reach 70-80% confluency.
3. Harvest the cells by trypsinization and seed them into a new T75 flask with fresh medium.
4. Repeat the process until the cells are ready for cryopreservation.
5. Harvest the cells by trypsinization and seed them into a new T75 flask with fresh medium.
6. Harvest the cells by trypsinization and seed them into a new T75 flask with fresh medium.
7. Harvest the cells by trypsinization and seed them into a new T75 flask with fresh medium.
8. Harvest the cells by trypsinization and seed them into a new T75 flask with fresh medium.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating None

Freezing Procedure Harvest cells by trypsinization, wash with PBS, and resuspend in freezing medium. Seed into a cryovial and store at -150°C.

Shipping Conditions Dry ice, -78°C

Storage Conditions -150°C to -196°C

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Sterility The cells are free of mycoplasmas and other contaminants. PCR testing is available upon request.