

Product sheet

CHO-CXCR4 | 305411L

CHO-CXCR4

Description CHO-CXCR4-Medium-high CHO (Chinese Hamster Ovary) CXCR4 CD184

Organism CHO

Tissue CHO

Synonyms CHO-CXCR4

CHO-CXCR4

Age CHO

Gender CHO

Morphology CHO

Growth properties CHO

CHO-CXCR4

Citation CHO-CXCR4 (Cytion 305411MH)

Biosafety level 1

NCBI_TaxID 10029

GMO Status GMO-S1: This CHO line contains a recombinant construct enabling low-level expression of human CXCR4 for chemokine receptor studies. This classification applies only within Germany and may differ elsewhere.

CHO-CXCR4

Receptors expressed CXCR4

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Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/l / 100 ml, w: 2.5 g/l L-Glutamine, w: 15 mg/ml InSCREENeX; InSCREENeX INS-ME-1039)

Supplements FBS 5% Geneticin (G418-Sulfat) 0.5 mg/ml

Dissociation Reagent EDTA

Subculturing PBS

Fluid renewal 2-3 times

Post-Thaw Recovery 1:2 to 1:3 T25

Freeze medium (FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cryovial in 37°C water bath
 2. Transfer cells to 15 ml centrifuge tube
 3. Centrifuge at 300 x g for 3 min
 4. Remove supernatant and resuspend in 10 ml fresh medium
 5. Seed cells into T25 flask
 6. Incubate at 37°C, 5% CO₂, humidified atmosphere
 7. Monitor cell growth and passage when cells reach 70-80% confluency
 8. Passages should be performed every 2-3 weeks

Incubation Atmosphere 37°C, 5% CO₂, humidified atmosphere.

