

Product sheet

CHO-CXCR4 CHO-CXCR4 | 305411MH

Product description

Description

CHO-CXCR4-Medium-High CHO (CHO) cells expressing human CXCR4. The cells are adapted to grow in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin-like growth factor 1 (IGF1). The cells are characterized by high expression of CXCR4 (CD184) and are suitable for GPCR signaling and ligand-binding analyses.

Organism CHO

Tissue CHO

Synonyms CHO-CXCR4

Product characteristics

Age 100%

Gender Male

Morphology Adherent

Growth properties Adherent

Product information

Citation CHO-CXCR4 (305411MH)

Biosafety level 1

NCBI_TaxID 10029

GMO Status GMO-S1: This CHO derivative contains a construct driving medium-to-high expression of human CXCR4 for GPCR signaling and ligand-binding analyses. This classification applies only within Germany and may differ elsewhere.

Product specifications

Receptors expressed CXCR4 (CD184)

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General Information

Culture Medium DMEM: DMEM:Ham's F12 (1:1) 3.1 µg/ml / 2.5 µg/ml 15 µg/ml InSCREENeX InSCREENeX INS-ME-1039

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

Dissociation Reagent

Subculturing PBS

Fluid renewal 2-3

Post-Thaw Recovery 1:2 1:3 T25

Freeze medium FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Dilute cells into pre-warmed medium.
 3. Seed cells into a T25 flask.
 4. Allow cells to recover for 70% confluency.
 5. Harvest cells after 15-18 days.
 6. Seed cells into a 300 cm² flask.
 7. Harvest cells after 10 days.
 8. Harvest cells after 10 days.

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

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Shipping Conditions

Cryopreserved cell lines are shipped on dry ice in validated, insulated packaging with sufficient refrigerant to maintain approximately -78 °C throughout transit. On receipt, inspect the container immediately and transfer vials without delay to appropriate storage.

Storage Conditions

For long-term preservation, place vials in vapor-phase liquid nitrogen at about -150 to -196 °C. Storage at -80 °C is acceptable only as a short interim step before transfer to liquid nitrogen.

/ / HLA

Sterility

(PCR)