

Product sheet

CHO-CXCR4 | 305411MH

CHO-CXCR4

Description

CHO-CXCR4-Medium-high is a CHO (Chinese Hamster Ovary) cell line expressing human CXCR4. The cells are adapted to grow in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml rhIL-3. CXCR4, CD184, and CD133 are the main surface markers of the cells.

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 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.

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

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