

Product sheet

CHO-CXCR7 | 305412MH

Description

CHO-CXCR7-Medium-high CXCR7 CHO() CXCL11 CXCR4 , CHO-CXCR7- -

Organism

Tissue

Disease Chinese hamster ovary, non-neoplastic; genetically engineered for CXCR7 (ACKR3) surface expression (medium-high expression level)

Applications Antibody screening; CXCR7-targeted therapy development; chemokine receptor biology; tumor microenvironment research; flow cytometry

Synonyms CHO-CXCR7

Age

Gender

Morphology

Cell type Epithelial cells

Growth properties /

Citation CHO-CXCR7 - (305412MH)

Biosafety level 1

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NCBI_TaxID	10029
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CellosaurusAccession	CVCL_A8W2
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GMO Status	GMO-S1: This CHO cell line contains a construct supporting medium-to-high expression of human CXCR7 for chemokine receptor research. This classification applies only within Germany and may differ elsewhere.
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Receptors expressed	CXCR7(ACKR3)
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Culture Medium	CHO : DMEM: F12(1:1), w: 3.1 g/L , w: 2.5mM L- , w: 15mM HEPES, w: 0.5mM , w: 1.2 g/L NaHCO3(Cytion A(, INS-ME-1039)
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Supplements	: 5% FBS . (G418-) 0.5mg/mL .
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Dissociation Reagent	: -EDTA
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Doubling time	approx. 14-16 hours
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Subculturing	: PBS . PBS /EDTA (: T25
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Split ratio	1 to 5
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Seeding density	2 to 5 x 10 ⁴ cells/cm ²
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Fluid renewal	2~3
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Post-Thaw Recovery	T25 1:2 ~ 1:3 24 () .
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Freeze medium	(FBS) + 10% DMSO , CM-1(800100)
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Thawing and
Culturing Cells

1. .
2. -150°C , 3 .
3. 37°C 40~60 .
4. , 70% .
5. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

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.

Sterility

PCR .
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