Product sheet

CHO-CXCR7 | 305412L

Description	: . . CHO-CXCR7-Medium-high CXCR7 CHO( ) . CXCL11 CXCR4 , . , , CXCR7 , , . CHO-CXCR7- - ,
Organism	
Tissue	
Disease	Chinese hamster ovary, non-neoplastic; genetically engineered for CXCR7 (ACKR3) surface expression (low 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
CellosaurusAccession	CVCL_A8W1
GMO Status	GMO-S1: This CHO cell line contains a recombinant CXCR7 expression cassette at low levels, suitable for controlled receptor-ligand studies. This classification applies only within Germany and may differ elsewhere.
Receptors expressed	CXCR7(ACKR3)
Culture Medium	: 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(Cytior CHO A(, INS-ME-1039)
Supplements	: 5% FBS . (G418-) 0.5mg/mL .
Dissociation Reagent	: -EDTA
Doubling time	approx. 14-16 hours
Subculturing	: PBS . PBS /EDTA (: T25
Split ratio	1 to 5
Seeding density	2 to 5 x 10^4 cells/cm^2
Fluid renewal	2~3
Post-Thaw Recovery	T25 1:2 ~ 1:3 24 ( ) .
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% CO_2, 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 . , .