Product sheet

CHO-CXCR7 | 305412L

Description	CHO-CXCR7-Medium-high CXCR7 CHO CXCR7 CHO-CXCR7-Medium-high
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 Medium-high (Cytion 305412MH)
Biosafety level	1
NCBI_TaxID	10029

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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:Ham's F12 (1:1) w:3.1 g/L Glucose w:2.5 mM L-Glutamine w:15 mM HEPES w:0.5 mM Sodium pyruvate w:1.2 g/L NaHCO3 Cytion 820400a CHO A InSCREENeX InSCREENeX INS-ME-1039
Supplements	5 FBS 0.5 mg/mL Geneticin G418-Sulfat
Dissociation Reagent	-EDTA
Doubling time	approx. 14-16 hours
Subculturing	PBS PBS Trypsin/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 C

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Thawing and Culturing Cells	1. 2. -150 3 3. 37 40 60 4. 70 5. 8ml 15ml 6. 300 x g 3 7. 10ml 2 T25 1 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.

HLA

Sterility	PCR