

**CHO-CXCR4 | 305411MH**

Description					
	CHO-CXCR4-Medium-high	CXCR4	9500	CHO	
	CD184	CXCR4	HIV		CXCL12

Organism	
Tissue	

Synonyms	CHO-CXCR4

Age

Gender

Morphology

Growth properties

Citation	CHO-CXCR4 Medium-high (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.

Receptors expressed	CXCR4 (CD184)

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<b>Culture Medium</b>	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										
<b>Supplements</b>	5 FBS		0.5 mg/mL		Geneticin G418-Sulfat						
<b>Dissociation Reagent</b>	-EDTA										
<b>Subculturing</b>			PBS		PBS		Trypsin/EDTA		T25		
<b>Fluid renewal</b>	2 3										
<b>Post-Thaw Recovery</b>	T25		1:2 1:3		24						
<b>Freeze medium</b>			FBS		10 DMSO					CM-1 C	
<b>Thawing and Culturing Cells</b>	1.										
	2.				-150		3				
	3.				37		40 60				
	4.		70								
	5.				8ml		15ml				
	6.		300 x g 3								
	7.		10ml				2 T25		1		
	8.										
<b>Incubation Atmosphere</b>	37°C, 5% CO <sub>2</sub> , 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  $-78\text{ }^{\circ}\text{C}$  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  $-196\text{ }^{\circ}\text{C}$ . Storage at  $-80\text{ }^{\circ}\text{C}$  is acceptable only as a short interim step before transfer to liquid nitrogen.

**HLA**

**Sterility**

PCR