Product sheet

[redacted]CHO-CXCR4 | 305411L

[redacted]

Description	[redacted] [redacted] CHO-CXCR4-Medium-high [redacted] CHO (Chinese Hamster Ovary) [redacted] CXCR4 [redacted] CXCR4, [redacted] CXCR4, [redacted]-CD184, [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	Chinese hamster ovary, non-neoplastic; genetically engineered for CXCR4 surface expression (low expression level)
Applications	Antibody screening; CXCR4-targeted therapy development; HIV entry research; hematopoietic stem cell biology; flow cytometry
Synonyms	CHO-CXCR4

[redacted]

Age	[redacted]
Gender	[redacted]
Morphology	[redacted]
Cell type	Epithelial cells
Growth properties	[redacted]

[redacted]

Citation	CHO-CXCR4 [redacted] (Cytion 305411MH)
Biosafety level	1

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NCBI_TaxID	10029
CellosaurusAccession	CVCL_A8V9
GMO Status	GMO-S1: This CHO line contains a recombinant construct enabling low-level expression of human CXCR4 for chemokine receptor studies. This classification applies only within Germany and may differ elsewhere.

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Receptors expressed	CXCR4 (CD184)

Culture Medium	: DMEM:Ham's F12 (1:1), w: 3.1 g/L , w: 2.5 mM L-, w: 15 mM HEPES, w: 0.5 mM , w 820400a) : CHO Growth Medium A (-InSCREENeX; InSCREENeX INS-ME-1039)
Supplements	: 5% FBS. Geneticin (G418-Sulfat) 0.5 '/'
Dissociation Reagent	: -EDTA
Doubling time	approx. 14-16 hours
Subculturing	: -PBS CO2, 2-3
Split ratio	1 to 5
Seeding density	2 to 5 x 10^4 cells/cm^2
Fluid renewal	2 3
Post-Thaw Recovery	, 1:2 1:3 T25 24
Freeze medium	, (FBS) + 10% DMSO , CM-1 (

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Thawing and Culturing Cells

1. [redacted]
2. [redacted]
3. [redacted]
4. [redacted]
5. [redacted]
6. [redacted]
7. [redacted]
8. [redacted]

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.

[redacted]

Sterility

[redacted]

[redacted]