Product Name: Recombinant Human CXCR4 (N-Fc)
Catalog #: PHH2404

Summary

Name	CXCR4/LAP-3/CD184
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human C-X-C Chemokine Receptor Type 4 is produced by our Mammalian expression system and the target gene encoding Met1-Ser46 is expressed with a human IgG1 Fc tag at the N-terminus.
Accession #	P61073
Host	Human cells
Species	Human
Predicted Molecular Mass	30.6 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 50mM Tris-HCl, 100mM Glycine, pH7.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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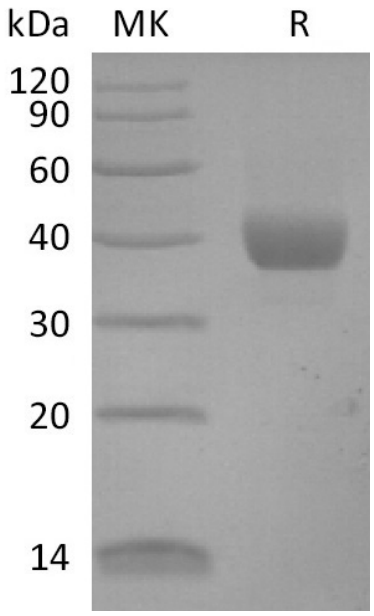

Alternative Names

CXCR4,CD184,Fusin,D2S201E,FB22,HM89,HSY3RR,LAP3,LCR1,LESTR,NPY3R,NPYR,NPYRL,NPYY3R,WHIM

Background

C-X-C chemokine receptor type 4 (CXCR4) is an alpha-chemokine receptor specific for stromal-derived-factor-1 (SDF-1 also called CXCL12), a molecule endowed with potent chemotactic activity for lymphocytes. This receptor is one of several chemokine receptors that HIV isolates can use to infect CD4+ T cells./xa0CXCR4 stands out for its pleiotropic roles in both physiological and pathological conditions and it represents a crucial target in drug development. CXCL12 is the principal CXCR4 specific ligand and that the pro-inflammatory chemokine macrophage migration inhibitory factor (MIF) is also able to bind and activate CXCR4.

Note

For Research Use Only , Not for Diagnostic Use.