

Chemokine C-X-C-Motif Receptor 4 Recombinant Protein | CXCR4 recombinant protein

Recombinant Chemokine C-X-C-Motif Receptor 4 (CXCR4)

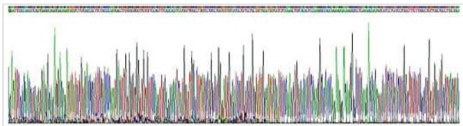
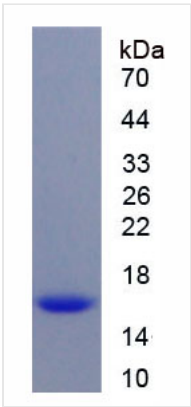
CATALOG # AAA150221	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Chemokine C-X-C-Motif Receptor 4; Recombinant Chemokine C-X-C-Motif Receptor 4 (CXCR4); CD184; Fusin; NPYR; HSY3RR; LAP3; LCR1; LESTR; NPY3R; NPYRL; WHIM; Leukocyte-derived seven transmembrane domain receptor; Lipopolysaccharide-associated protein 3; CXCR4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 300ug/mL (varies by lot)
Applicable Applications for CXCR4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asp262~Ser352
Tags	N-terminal His Tag
Subcellular Location	Membrane, Lysosome
Traits	Freeze-dried powder
Predicted isoelectric point	8.6
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

DSFILLEII KQGCEFENTV HKWISITEAL AFFHCCLNPI
LYAFLGAKFK TSAQHALTSV SRGSSLKILS KGRGGHSSV STESESSSFH
SS

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for CXCR4 recombinant protein	Signal transduction; CD & Adhesion molecule; Tumor immunity; Infection immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56790927
NCBI GeneID	7852
NCBI Accession #	NP_001008540.1
NCBI GenBank Nucleotide #	NP_001008540.1
UniProt Accession #	P61073
Molecular Weight	Predicted Molecular Mass: 13.6kDa Accurate Molecular Mass: 16kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	C-X-C chemokine receptor type 4 isoform a
NCBI Official Synonym Full Names	C-X-C motif chemokine receptor 4
NCBI Official Symbol	CXCR4
NCBI Official Synonym Symbols	FB22; HM89; LAP3; LCR1; NPYR; WHIM; CD184; LAP-3; LESTR; NPY3R; NPYRL; WHIMS; HSY3RR; NPYY3R; D2S201E
NCBI Protein Information	C-X-C chemokine receptor type 4
UniProt Protein Name	C-X-C chemokine receptor type 4
UniProt Gene Name	CXCR4
UniProt Synonym Gene Names	CXC-R4; CXCR-4; LESTR
UniProt Entry Name	CXCR4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.