

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

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

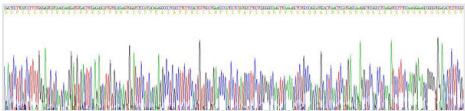
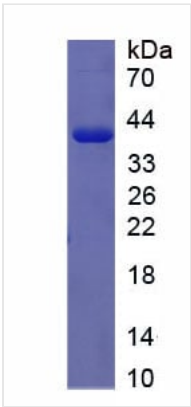
CATALOG # AAA150222	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 50ug/mL (varies by lot)
Applicable Applications for CXCR4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asp269~Ser359
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	8.5
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 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.



SDS-PAGE

DS FILLGVKQG CDFESIVHKW ISITEALAFF
HCCLNPILYA FLGAKFKSSA QHALNSMRG SSLKILSKGK RGGHSSVSTE
SESSSFHSS

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 #	116268123
NCBI GeneID	12767
NCBI Accession #	NP_034041.2
NCBI GenBank Nucleotide #	NP_034041.2
UniProt Accession #	P70658
Molecular Weight	Predicted Molecular Mass: 40.1kDa Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	C-X-C chemokine receptor type 4 isoform 1
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 4
NCBI Official Symbol	Cxcr4
NCBI Official Synonym Symbols	CD184; LESTR; Sdf1r; CXC-R4; CXCR-4; Cmkar4; PB-CKR; b2b220Clo; PBSF/SDF-1
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	Cmkar4; Lestr; Sdf1r; CXC-R4; CXCR-4; LESTR; PB-CKR; SDF-1 receptor
UniProt Entry Name	CXCR4_MOUSE

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.