

CXCL16, Human recombinant protein
SRPSOX
Catalog # PBV10765r**Specification**

CXCL16, Human recombinant protein - Product info

Primary Accession [O9H2A7](#)
Calculated MW **10.1 kDa** KDa

CXCL16, Human recombinant protein - Additional Info

Gene ID	58191
Gene Symbol	CXCL16
Other Names	
SRPSOX	
Gene Source	Human
Source	E.coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	HPLC;
Recombinant	Yes
Sequence	NEGSVTGSCY CGKRISDSDP PSVQFMNRLR KHLRAYHRCL YYTRFQLLSW SVCGGNKDPW VQELMSCLDL KECGHAYSGI VAHQHLLP

Target/Specificity
CXCL16

Application Notes

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not raise to neutral pH. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Format

Lyophilized powder

Storage

-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized with no additives.

CXCL16, Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CXCL16, Human recombinant protein - Images

CXCL16, Human recombinant protein - Background

CXCL16 is a member of the CXC chemokine family and signals through the CXCR6 receptor. CXCL16 may play a role in attracting lymphocyte subsets during inflammation and may facilitate certain immune responses. The chemokine domain of CXCL16 contains six cysteine residues including the four highly conserved cysteine residues characteristic of CXC chemokines. The CXCL16 gene codes for a 273 amino acid polypeptide, which includes a 29 amino acid cytoplasmic domain and transmembrane sequence containing approximately 20 amino acids. The extracellular portion of CXCL16 contains a chemokines domain and an extended C-terminal "mucin-like stalk" sequence. The extracellular domain contains 89 amino acid residues (86 a.a. residues for the murine homolog). Recombinant human CXCL16 is a 10.1 kDa protein containing 89 amino acid residues.

CXCL16, Human recombinant protein - References

Matloubian M., et al. Nat. Immunol. 1:298-304(2000).
Wilbanks A., et al. J. Immunol. 166:5145-5154(2001).
Shimaoka T., et al. J. Biol. Chem. 275:40663-40666(2000).
Livingston R.J., et al. Submitted (OCT-2006) to the EMBL/GenBank/DDBJ databases.
Clark H.F., et al. Genome Res. 13:2265-2270(2003).