

SDF-1beta (CXCL12), human recombinant protein
SDF-1, CXCL12, Pre-B cell growth-stimulating factor, PBSF, hIRH, chemokine (C-X-C motif) ligand 12,
Catalog # PBV10265r

Specification

SDF-1beta (CXCL12), human recombinant protein - Product info

Primary Accession [P48061](#)
Calculated MW **8.5 kDa** KDa

SDF-1beta (CXCL12), human recombinant protein - Additional Info

Gene ID	6387
Gene Symbol	SDF1B
Other Names	
SDF-1, CXCL12, Pre-B cell growth-stimulating factor, PBSF, hIRH, chemokine (C-X-C motif) ligand 12, SDF1, SDF1B, TPAR1, SCYB12, SDF-1b, TLSF-b.	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC; ≥98%
Recombinant	Yes
Results	20-80 ng/ml
Target/Specificity	
SDF-1 beta	

Application Notes

Reconstitute in H₂O to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized with no additives

SDF-1beta (CXCL12), 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](#)

SDF-1beta (CXCL12), human recombinant protein - Images**SDF-1beta (CXCL12), human recombinant protein - Background**

Stromal cell-derived factor-1 β is a stromal derived CXC chemokine. It signals through CXCR4 receptor. Recombinant Human SDF-1 β is an 8.5 kDa protein containing 72 amino acid residues.