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SDF-1beta (CXCL12), murine recombinant protein

SDF-1, CXCL12, Pre-B cell growth-stimulating factor, PBSF, hIRH, chemokine (C-X-C motif) ligand 12,
Catalog # PBV10266r

Specification

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

Primary Accession	P40224
Calculated MW	8.5 kDa KDa

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

Gene ID	20315
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	Mouse
Source	E. coli
Assay&Purity	SDS-PAGE; ≥98%
Assay2&Purity2	HPLC; ≥98%
Recombinant	Yes
Results	50-100 ng/ml

Target/Specificity
SDF-1 beta

Application Notes
Reconstitute in H_2O to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers

Format
Lyophilized protein

Storage
-20°C; Sterile filtered and lyophilized with no additives. The protein may appear as a haze or film, which is difficult to see at the bottom of the vial.

SDF-1beta (CXCL12), murine 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 Cytomety
- Cell Culture

SDF-1beta (CXCL12), murine recombinant protein - Images

SDF-1beta (CXCL12), murine recombinant protein - Background

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

SDF-1beta (CXCL12), murine recombinant protein - References

Tashiro K.,et al.Science 261:600-603(1993).
Jiang W.,et al.Exp. Cell Res. 215:284-293(1994).
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Nomura M.,et al.Submitted (DEC-1994) to the EMBL/GenBank/DDBJ databases.
Carninci P.,et al.Science 309:1559-1563(2005).