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SDF-1alpha (CXCL12), human recombinant protein

SDF-1, CXCL12, Pre-B cell growth-stimulating factor, PBSF, hIRH, chemokine (C-X-C motif) ligand 12,
Catalog # PBV10262r

Specification

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

Primary Accession	P48061
Calculated MW	8.0 kDa KDa

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

Gene ID	6387
Gene Symbol	SDF1A

Other Names
SDF-1, CXCL12, Pre-B cell growth-stimulating factor, PBSF, hIRH, chemokine (C-X-C motif) ligand 12, SDF1, SDF1A, TPAR1, SCYB12, SDF-1a, TLSF-a.

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 alpha

Application Notes
Reconstitution in H_2O to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers or 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-1alpha (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 Cytomety

- Cell Culture

SDF-1alpha (CXCL12), human recombinant protein - Images

SDF-1alpha (CXCL12), human recombinant protein - Background

Human Stromal Cell-Derived Factor-1α (SDF-1α) is a recently discovered protein belonging to the α-chemokine (C-X-C) family of cytokines. Human SDF-1α is an 8.0 kDa protein containing 68 amino acids residues with N-terminus His-tag