

# Human CXCL12/SDF1/SDF1A/SDF1B recombinant protein



Catalog Number: 518434

## General Information

### Gene Name Synonym

Stromal Cell-Derived Factor 1, SDF-1, hSDF-1, C-X-C Motif Chemokine 12, Intercrine Reduced in Hepatomas, IRH, hIRH, Pre-B Cell Growth-Stimulating Factor, PBSF, CXCL12, SDF1, SDF1A, SDF1B

### Protein Construction

A DNA sequence encoding the Human CXCL12/SDF1/SDF1A/SDF1B Lys22-Lys89 is expressed.

### Organism

Human

### Expression Host

E.coli

## QC Testing

### Purity

>95% as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

Store for up to 12 months at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  as lyophilized powder. Aliquots of reconstituted samples are stable at  $< -20^{\circ}\text{C}$  for 3 months.

## Formulation

Lyophilized from a  $0.2\ \mu\text{m}$  filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

## Usage Guide

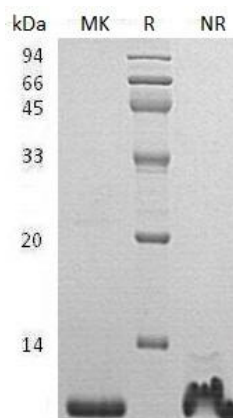
### Storage

Lyophilized protein should be stored at  $< -20^{\circ}\text{C}$ , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at  $4-7^{\circ}\text{C}$  for 2-7 days.

### Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than  $100\ \mu\text{g}/\text{ml}$ . Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE



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