

## Recombinant Human CXCL12 Protein (Ser19-Met93)

**Cat. No.** CXCL12-2202H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human CXCL12 (Ser19-Met93) without tag was expressed in E. coli.                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Ser19-Met93                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                        |
| <b>Molecular Mass</b>   | 8.25 kDa                                                                                                                                                                                |
| <b>Purity</b>           | >90% as determined by SDS-PAGE                                                                                                                                                          |
| <b>Notes</b>            | For research use only.                                                                                                                                                                  |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt. |
| <b>Storage Buffer</b>   | Supplied as solution form in PBS or lyophilized from PBS.                                                                                                                               |
| <b>Reconstitution</b>   | Reconstitute in sterile water for a stock solution.                                                                                                                                     |
| <b>Shipping</b>         | They are shipped out with dry ice/blue ice unless customers require otherwise.                                                                                                          |

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## GENE INFORMATION

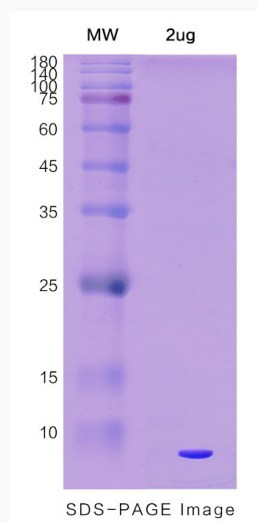
|                        |                                                                                                                                                                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CXCL12 chemokine (C-X-C motif) ligand 12 [ Homo sapiens (human) ]                                                                                                                                                                                                                       |
| <b>Official Symbol</b> | CXCL12                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>        | CXCL12; chemokine (C-X-C motif) ligand 12; SDF1, SDF1A, SDF1B, stromal cell derived factor 1; stromal cell-derived factor 1; PBSF; SCYB12; SDF 1a; SDF 1b; TLSF a; TLSF b; TPAR1; intercrine reduced in hepatomas; pre-B cell growth-stimulating factor; IRH; SDF1; TLSF; SDF1A; SDF1B; |
| <b>Gene ID</b>         | 6387                                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_000609                                                                                                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | NP_000600                                                                                                                                                                                                                                                                               |
| <b>MIM</b>             | 600835                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>      | P48061                                                                                                                                                                                                                                                                                  |

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## SDS-PAGE



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