

Recombinant Human CXCL12 Protein, Biotin-tagged

Cat. No. CXCL12-23H **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Human CXCL12 Protein, fused to Biotin-tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| Description | <p>This antimicrobial gene encodes a stromal cell-derived alpha chemokine member of the intercrine family. The encoded protein functions as the ligand for the G-protein coupled receptor, chemokine (C-X-C motif) receptor 4, and plays a role in many diverse cellular functions, including embryogenesis, immune surveillance, inflammation response, tissue homeostasis, and tumor growth and metastasis. Mutations in this gene are associated with resistance to human immunodeficiency virus type 1 infections. Multiple transcript variants encoding different isoforms have been found for this gene.</p> |
| AA Sequence | KPVLSYRCP CRFFESHVAR ANVKHLKILN TPNCALQIVA RLKNNNRQVC IDPKLKWIQE YLEKALNK + Linker |
| tmpcolum67 | C-X-C motif chemokine ligand 12 |
| Conjugation | Biotin |

GENE INFORMATION

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|------------------|---|
| Gene Name | CXCL12 C-X-C motif chemokine ligand 12 [Homo sapiens (human)] |
|------------------|---|

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|------------------------|--------------------------------------|
| Official Symbol | CXCL12 |
| Synonyms | IRH; PBSF; SDF1; TLSF; TPAR1; SCYB12 |
| Gene ID | 6387 |
| mRNA Refseq | NM_000609 |
| Protein Refseq | NP_000600 |
| MIM | 600835 |
| UniProt ID | P48061 |

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