Recombinant Human CXCL12 Protein, Biotin-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CXCL12 Protein, fused to Biotin-tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
AA Sequence	KPVSLSYRCP CRFFESHVAR ANVKHLKILN TPNCALQIVA RLKNNNRQVC IDPKLKWIQE YLEKALNK + Linker
tmpcolum67	C-X-C motif chemokine ligand 12
Conjugation	Biotin

GENE INFORMATION

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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