

Recombinant Human CXCL12 Protein

Cat. No. CXCL12-29023H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Biotinylated Human CXCL12 Protein expressed in Human cells.
Species	Human
Source	Human Cells
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>
Form	Supplied as a 0.2 µm filtered solution in PBS (pH 7.4).
Endotoxin	<1EU per ug (determined by the LAL method).
Purity	>90%, by SDS-PAGE
Storage	Short Term Storage at 4 centigrade. Long Term Storage at -20 centigrade to -80 centigrade. Avoid freeze/thaw cycles.
Concentration	0.35 mg/ml

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GENE INFORMATION

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

Official Symbol CXCL12

Synonyms IRH; PBSF; SDF1; TLSF; TPAR1; SCYB12

Gene ID 6387

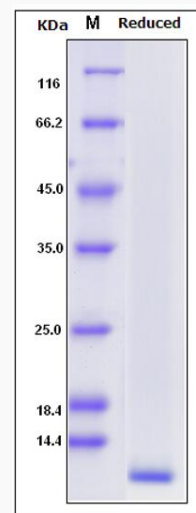
mRNA Refseq NM_000609.7

Protein Refseq NP_000600.1

MIM 600835

UniProt ID P61073

SDS-PAGE



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