

Recombinant Human CXCL11 Protein, Biotin-tagged

Cat. No. CXCL11-20H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL11 Protein, fused to Biotin-tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	Chemokines are a group of small (approximately 8 to 14 kD), mostly basic, structurally related molecules that regulate cell trafficking of various types of leukocytes through interactions with a subset of 7-transmembrane, G protein-coupled receptors. Chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis. Chemokines are divided into 2 major subfamilies, CXC and CC. This antimicrobial gene is a CXC member of the chemokine superfamily. Its encoded protein induces a chemotactic response in activated T-cells and is the dominant ligand for CXC receptor-3. The gene encoding this protein contains 4 exons and at least three polyadenylation signals which might reflect cell-specific regulation of expression. IFN-gamma is a potent inducer of transcription of this gene. Two transcript variants encoding different isoforms have been found for this gene.
AA Sequence	FPMFKRGRCL CIGPGVKAVK VADIEKASIM YPSNNCDKIE VIITLKENKG QRCLNPKSKQ ARLIIKKVER KNF + Linker
tmpcolum67	C-X-C motif chemokine ligand 11

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Conjugation Biotin

GENE INFORMATION

Gene Name CXCL11 C-X-C motif chemokine ligand 11 [Homo sapiens (human)]

Official Symbol CXCL11

Synonyms IP9; H174; IP-9; b-R1; I-TAC; SCYB11; SCYB9B

Gene ID 6373

mRNA Refseq NM_005409

Protein Refseq NP_005400

MIM 604852

UniProt ID O14625

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