

## Recombinant Human CX3CL1 Protein, Biotin-tagged

**Cat. No.** CX3CL1-90H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CX3CL1 Protein, fused to Biotin-tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>This gene belongs to the CX3C subgroup of chemokines, characterized by the number of amino acids located between the conserved cysteine residues. This is the only member of the CX3C subgroup, which contains three amino acids between cysteine residues, resulting in a Cys-X-X-X-Cys configuration. The encoded protein contains an extended mucin-like stalk with a chemokine domain on top, and exists in both a membrane-anchored form where it acts as a binding molecule, or, in soluble form, as a chemotactic cytokine. The mature form of this protein can be cleaved at the cell surface, yielding different soluble forms that can interact with the G-protein coupled receptor, C-X3-C motif chemokine receptor 1 gene product. This gene plays a role in a wide range of diseases, including cancer, vasculitis, neuropathies, atherosclerosis, inflammatory diseases, and in human immunodeficiency virus infections.</p>
<b>AA Sequence</b>	QHHGVTKCNI TCSKMTSKIP VALLIHYQQN QASCGKRAII LETRQHRLFC ADPKEQWVKD AMQHLDLRQAA ALTRNG + Linker
<b>tmpcolumn67</b>	C-X3-C motif chemokine ligand 1
<b>Conjugation</b>	Biotin

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**GENE INFORMATION**

<b>Gene Name</b>	CX3CL1 C-X3-C motif chemokine ligand 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CX3CL1
<b>Synonyms</b>	NTN; NTT; CXC3; CXC3C; SCYD1; ABCD-3; C3Xkine; fractalkine; neurotactin
<b>Gene ID</b>	6376
<b>mRNA Refseq</b>	NM_002996
<b>Protein Refseq</b>	NP_002987
<b>MIM</b>	601880
<b>UniProt ID</b>	P78423

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