

Recombinant Human CX3CL1 Protein, His-Tagged

Cat. No. CX3CL1-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CX3CL1 Protein, His-Tagged was expressed in Baculovirus cell line
Species	Human
Source	Insect Cells
ProteinLength	25-339 aa
Description	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.
Form	Liquid
Molecular Mass	34.3 kDa

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Endotoxin	< 1 EU per 1ug of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Usage	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by absorbance at 280nm)
Storage Buffer	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

Gene Name	CX3CL1 C-X3-C motif chemokine ligand 1 [Homo sapiens (human)]
Official Symbol	CX3CL1
Synonyms	CX3CL1, ABCD-3, C3Xkine, CXC3, CXC3C, fractalkine, neurotactin, NTN, NTT, SCYD1, C-X3-C motif chemokine 1, CX3C membrane-anchored chemokine, Neurotactin, Small-inducible cytokine D1
Gene ID	6376
mRNA Refseq	NM_002996.6
Protein Refseq	NP_002987.1

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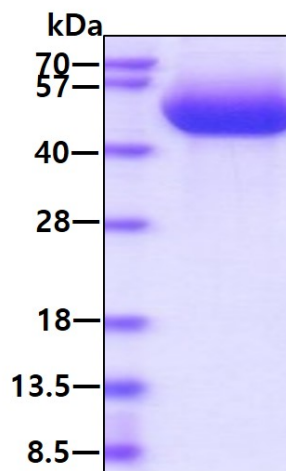
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MIM 601880

UniProt ID P78423

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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