

Recombinant Human CCL20, His-tagged

Cat. No. CCL20-166H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CCL20 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.
Species	Human
Source	E.coli
Description	CCL20, also known as Macrophage Inflammatory Protein-3 (MIP3A), is a small cytokine belonging to the CC chemokine family. CCL20 protein is strongly chemotactic for lymphocytes and weakly attracts neutrophils. It is implicated in the formation and function of mucosal lymphoid tissues via chemoattraction of lymphocytes and dendritic cells towards the epithelial cells surrounding these tissues.
Form	Liquid. In Phosphate Buffered Saline pH7.4 containing 10% glycerol.
Molecular Weight	10.3 kDa (91aa) confirmed by MALDI-TOF.
Purity	> 85% by SDS - PAGE.
Concentration	0.25 mg/ml (determined by Bradford assay).
Endotoxin Level	< 1.0 EU per 1 µg of protein (determined by LAL method).
Sequences Of Amino	MGSSHHHHHH SSGLVPRGSH MASNFDCCLG YTDRILHPKF IVGFTRQLAN

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Acids	EGCDINAIF HTKKKLSVCA NPKQTWVKYI VRLLSKKVKN M.
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Pathways	Chemokine signaling pathway; Cytokine-cytokine receptor interaction

GENE INFORMATION

Gene Name	CCL20 chemokine (C-C motif) ligand 20 [Homo sapiens]
Synonyms	CCL20; chemokine (C-C motif) ligand 20; CKb4; LARC; MIP-3-alpha; MIP-3a; MIP-3[a]; MIP3A; SCYA20; ST38; exodus-1; Exodus-1; Beta chemokine exodus-1; CC chemokine LARC; Liver and activation-regulated chemokine; Macrophage inflammatory protein 3 alpha; Small-inducible cytokine A20; Small inducible cytokine subfamily A (Cys-Cys), member 20; Small inducible cytokine A20 precursor; C-C motif chemokine 20; CC chemokine ST38; OTTMUSP00000017965; Small inducible cytokine subfamily A20
Gene ID	6364
mRNA Refseq	NM_004591
Protein Refseq	NP_004582
MIM	601960
UniProt ID	P78556
Chromosome Location	2q33-q37

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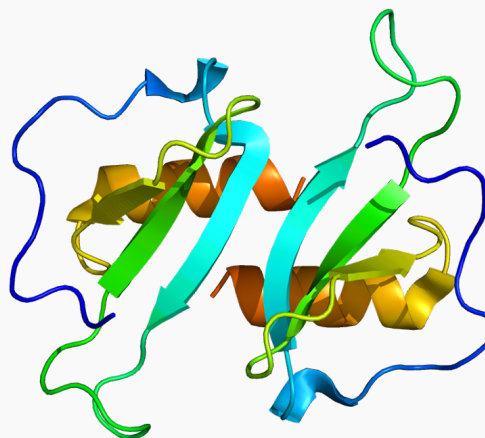
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Function

chemokine activity

PDBrendering based
on 1m8a.



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