

Recombinant Human CCL20 Protein

Cat. No. CCL20-47H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCL20 Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	70 amino acid
Description	C-C motif chemokine 20 (CCL20), also known as liver activation regulated chemokine (LARC), Macrophage Inflammatory Protein-3 alpha (MIP-3 alpha), or Exodus, is a small cytokine belonging to the CC chemokine family. It is strongly chemotactic for lymphocytes and weakly attracts neutrophils. CCL20 is a ligand for the G protein-coupled receptor CCR6, and induces chemotactic migration in a wide range of CCR6-expressing cells including immature dendritic cells (DC), effector/memory T-cells and B-cells. CCL20 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. CCL20 is expressed in the skin and contributes to the chronic inflammation of psoriasis.
Form	Lyophilized
Molecular Mass	8.0255 kDa
AA Sequence	ASNFDCCLGYTDRILHPKFIVGFTRQLANEGCDINAIIFHTKKKLSVCAN PKQTWVKY IVRLLSKKVKNM

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Endotoxin	Endotoxin-free <0.01 EU/ug
Purity	Purity assessed by HPLC, Mass Spectrometry, and NMR
Storage	Store at -20 to -80 centigrade for 12 months; Store at 4 centigrade for 6 months; Store at RT for 1 month.
tmpcolum67	C-C motif chemokine ligand 20

GENE INFORMATION

Gene Name	CCL20 C-C motif chemokine ligand 20 [Homo sapiens (human)]
Official Symbol	CCL20
Synonyms	CKb4; LARC; ST38; MIP3A; Exodus; MIP-3a; SCYA20; MIP-3-alpha
Gene ID	6364
mRNA Refseq	NM_004591
Protein Refseq	NP_004582
MIM	601960
UniProt ID	P78556

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