CCL3L1 Immunizing Blocking Peptide

PRODUCT OVERVIEW

Product Name	CCL3L1, Blocking Peptide
Full Product Name	CCL3L1 Immunizing Peptide
Product Gene Name	CCL3L1 blocking peptide
Product Synonym Names	CCL3L1; chemokine (C-C motif) ligand 3-like 1; 464.2; D17S1718; G0S19-2; LD78; LD78BETA; MGC104178; MGC12815; SCYA3L; SCYA3L1; small inducible cytokine A3-like 1
Sequence	CNQVLSAPLA ADT
Species Reactivity	Human
Form/Format	100ug of dried peptide
Preparation and Storage	Shipped at ambient temperature, store at -20 degree C
Antibody/Peptide Pairs	CCL3L1 peptide (MBS426932) is used for blocking the activity of CCL3L1 antibody (MBS422018)
Molecular Weight	10,161 Da
OMIM	601395
ISO Certification	Manufactured in an ISO 9001:2008 Certified Laboratory.
Related Product Information for CCL3L1 blocking peptide	MBS426932 is a blocking peptide targeting CCL3L1. Also known as CCL3L1 Immunizing Peptide. Reactive in Human.
Other Notes	Small volumes of CCL3L1 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCL3L1. It may not necessarily be applicable to this product.

NCBI GI #	27477072
NCBI GeneID	6349
NCBI Accession #	NP_066286.1
UniProt Secondary Accession #	Q3B7A8; Q53YA5; Q96I68; A6NGK6; B2RUX4
UniProt Related Accession #	P16619
GenBank Nucleotide #	NM_021006.5
NCBI Official Full Name	C-C motif chemokine 3-like 1
NCBI Official Synonym Full Names	C-C motif chemokine ligand 3 like 1
NCBI Official Symbol	CCL3L1
NCBI Official Synonym Symbols	LD78; 464.2; MIP1AP; SCYA3L; G0S19-2; SCYA3L1; D17S1718; LD78BETA; LD78-beta(1-70)
UniProt Protein Name	C-C motif chemokine 3-like 1
UniProt Synonym Protein Names	G0/G1 switch regulatory protein 19-2; LD78-beta(1-70); PAT 464.2; Small-inducible cytokine A3-like 1; Tonsillar lymphocyte LD78 beta protein

Protein Family	C-C motif chemokine
UniProt Gene Name	CCL3L1
UniProt Synonym Gene Names	D17S1718; G0S19-2; SCYA3L1
UniProt Entry Name	CL3L1_HUMAN
NCBI Protein Information	C-C motif chemokine 3-like 1
NCBI Summary for CCL3L1	This gene is one of several cytokine genes that are clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins that function in inflammatory and immunoregulatory processes. The protein encoded by this gene binds to several chemokine receptors, including chemokine binding protein 2 and chemokine (C-C motif) receptor 5 (CCR5). CCR5 is a co-receptor for HIV, and binding of this protein to CCR5 inhibits HIV entry. The copy number of this gene varies among individuals, where most individuals have one to six copies, and a minority of individuals have zero or more than six copies. There are conflicting reports about copy number variation of this gene and its correlation to disease susceptibility. This record represents one of two copies that are present on the ALT_REF_LOCI_2 alternate haplotype of the GRCh38 human reference genome assembly. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2014]
UniProt Comments for CCL3L1	CCL3L1: Chemotactic for lymphocytes and monocytes. Is a ligand for CCR1, CCR3 and CCR5. Is an inhibitor of HIV-1-infection. The processed form LD78-beta(3-70) shows a 20-fold to 30-fold higher chemotactic activity and is a very potent inhibitor of HIV-1- infection. LD78-beta(3-70) is also a ligand for CCR1, CCR3 and CCR5. Belongs to the intercrine beta (chemokine CC) family. Protein type: Secreted; Chemokine; Motility/polarity/chemotaxis; Secreted, signal peptide Chromosomal Location of Human Ortholog: 17q21.1 Cellular Component: extracellular region; extracellular space Molecular Function: CCR chemokine receptor binding; chemokine activity Biological Process: G-protein coupled receptor protein signaling pathway; inflammatory response; lymphocyte chemotaxis; monocyte chemotaxis; negative regulation of cell proliferation; neutrophil chemotaxis; positive regulation of GTPase activity; positive regulation of inflammatory response Disease: Human Immunodeficiency Virus Type 1, Susceptibility To
Research Articles on CCL3L1	**1.** Studied copy number variation of the CCL3L1 gene in contributing to the host variation in susceptibility and response to HIV infection by analyzing a sub-Saharan African cohort.
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