

CCL19 active protein

Recombinant CCL19 (MIP-3?)

CATALOG # AAA47963	HOST E. coli
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PRODUCT SYNONYMS

CCL19; Recombinant CCL19 (MIP-3?); Recombinant Human CCL19; CCL19 active protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	>97% by SDS-PAGE
Form/Format	Sterile Filtered White Lyophilized Powder
Sequence	GTNDAEDCCL SVTQKPIPGY IVRNHFHYLLI KDGCRVPAVV FTTLRGRQLC APPDQPWVER IIQRLQRTSA KMKRRSS
Host Note	Recombinant human CCL19 produced in E. coli (accession no. Q99731).
Preservative	None
Appearance	White powder
Activity	EC50 = 30nM determined by calcium flux with recombinant human CCR7.
Endotoxin Level	<0.01 EU per 1ug of protein by LAL method.
Carrier Protein	None
Reconstitution	Recommended at 100ug/ml in sterile distilled water.
Preparation and Storage	12 months from date of receipt, -20°C to -70°C, as supplied. 1 month, 2°C to 8°C, under sterile conditions after reconstitution. 3 months, -20°C to -70°C, under sterile conditions after reconstitution.

ADDITIONAL INFORMATION

Related Product Information for CCL19 active protein	CCL19 (also known as Macrophage Inflammatory Protein-3?, MIP-3?, and EBI1 ligand chemokine, ELC) directs chemotaxis of dendritic cells and certain B- and T-lymphocytes, but not monocytes or granulocytes. It is constitutively expressed in thymus and lymph nodes and binds specifically to target cells expressing the receptor CCR7. As a homeostatic chemokine, its primary physiological role is thought to be in the normal recirculation and homing of lymphocytes. However, CCL19 can also be proinflammatory and is implicated in post-HIV infection responses.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5454040
NCBI GeneID	6363
NCBI Accession #	NP_006265.1
NCBI GenBank Nucleotide #	NM_006274.2
Molecular Weight	8.8kDa by Mass Spec.

NCBI Official Full Name	C-C motif chemokine 19
NCBI Official Synonym Full Names	C-C motif chemokine ligand 19
NCBI Official Symbol	CCL19
NCBI Official Synonym Symbols	ELC; CKb11; MIP3B; MIP-3b; SCYA19
NCBI Protein Information	C-C motif chemokine 19
UniProt Protein Name	C-C motif chemokine 19
UniProt Gene Name	CCL19
UniProt Synonym Gene Names	ELC; MIP3B; SCYA19; EBI1 ligand chemokine; ELC; MIP-3-beta
UniProt Entry Name	CCL19_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/e-coli-active-protein/ccl19/47963>