

MIP-3 beta (CCL19) Active Protein | MIP-3beta active protein

Mouse MIP-3 beta (CCL19) Recombinant

CATALOG #	HOST
AAA76385	E coli (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

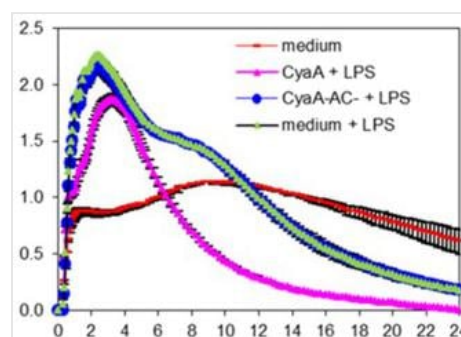
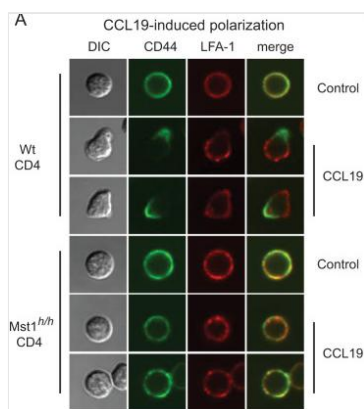
PRODUCT SYNONYMS

MIP-3 beta (CCL19); Mouse MIP-3 beta (CCL19) Recombinant; MIP-3beta active protein

PRODUCT SPECIFICATIONS

Host	E coli (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>98%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant CCL19 was lyophilized from a.2 um filteredmM PB,100mM NaCl solution pH.5.
Sequence	MAPRVTPLLA FSLVLWTFP APTLGGANDA EDCCLSVTQR PIPGNIVKAF RYLLNEDGCR VPAVVFTTLR GYQLCAPDQ PWVDRIIRRL KKSSAKNKG N STRRSPVS
Source	Optimized DNA sequence encoding Mouse MIP-3 (CCL19) mature chain was expressed in Escherichia Coli.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than.1 ng/ug (1EU/ug).
Biological Activity	Determined by its ability to chemoattract human dendritic cells using a concentration range of.0-50.0 ng/ml.
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	The lyophilized protein is stable for at least years from date of receipt at-20 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at degree - degree C for one month, or at-20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES

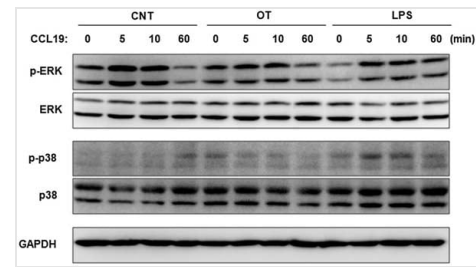
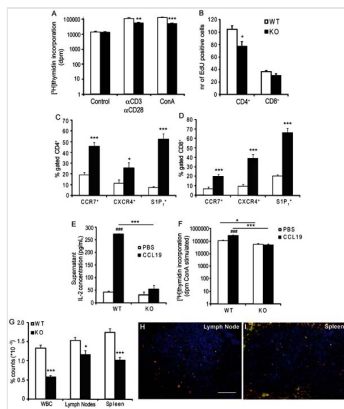


Application Data

Effect of hematopoietic S1P lyase deficiency on T-cell proliferation and migration.*P

Application Data

CyaA accelerates cell detachment and migration of TLR-activated DCs. Migration of DCs treated with toxins and LPS (for 24 h) towards CCL19 or CCL21 (both 200 ng/ml) in transwell plates was determined by flow cytometry after additional 14 h (MDDCs) or 4 h (BMDCs) of incubation at 37°C.

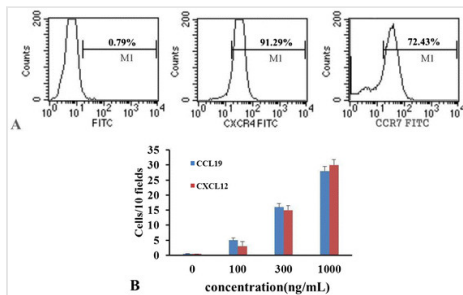


Application Data

Analysis of chemokine receptors and chemotaxis. The migration of MSCs to different concentrations of CXCL12 and CCL19 was evaluated by chemotaxis assay.

Application Data

Differential activation of MAP kinases in *O. tsutsugamushi*-infected DCs upon exposure to CCL19. DCs were stimulated with *O. tsutsugamushi*, or LPS for 18 h and then further incubated with CCL19 (200 ng/ml) for the indicated times.



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for MIP-3beta active protein

Recombinant Human Cytokines; CCL chemokines

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755422
NCBI GeneID	24047
NCBI Accession #	NP_036018.1
NCBI GenBank Nucleotide #	NM_011888.2
UniProt Accession #	O70460
Molecular Weight	11,911 Da
NCBI Official Full Name	C-C motif chemokine 19
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 19
NCBI Official Symbol	Ccl19
NCBI Official Synonym Symbols	ELC; CKb11; MIP3B; Scya19; exodus-3
NCBI Protein Information	C-C motif chemokine 19; EBI-1 ligand chemokine; EBI1 ligand chemokine; EBI1-ligand chemokine; EBV-induced molecule 1 ligand chemokine; chemokine CCL19; epstein-Barr virus-induced molecule 1 ligand chemokine; small inducible cytokine A19; small-inducible c
UniProt Protein Name	C-C motif chemokine 19
UniProt Gene Name	Ccl19

UniProt Synonym Gene Names	Elc; Scya19; EBI1 ligand chemokine; ELC
UniProt Entry Name	CCL19_MOUSE

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-mip-3beta-active-protein/mip-3-beta-ccl19/76385>