

CCL19 recombinant protein

CCL19, 22-98aa, Human, T7 tag, E Coli

CATALOG # AAA11793	HOST E Coli	APPLICATIONS SDS-Page
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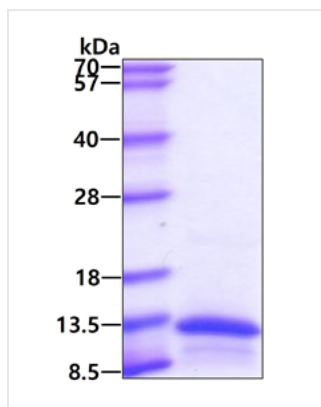
PRODUCT SYNONYMS

CCL19; 22-98aa; Human; T7 tag; E Coli; C-C motif chemokine 19; CKb11; ELC; MIP-3b; MIP3B; SCYA19; C-C motif chemokine 19 Beta chemokine exodus 3; C C chemokine ligand 19; CC chemokine ligand 19; Chemokine (C C motif) ligand 19; Chemokine (CC motif) ligand 19; Chemokine CC Motif Ligand 19; CK beta 11; EB11 ligand chemokine; Exodus 3; MGC34433; MIP 3 beta; MIP3 beta; OTTHuMP00000000531; Small inducible cytokine A19; ; CCL19 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In phosphate buffered saline pH7.4 containing 10% glycerol
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MASMTGGQQM GRGSHMGTD AEDCCLSVTQ KPIPGYIVRN FHYLLIKDGC RVPVAVFTTL RGRQLCAPPD QPWVERIIQR LQRTSAKMKR RSS
Sequence Length	98
Applicable Applications for CCL19 recombinant protein	SDS-PAGE
Tag Information	T7 tag
Domain	22-98aa
Endotoxin Level	< 1 EU per 1ug of protein (determined by LAL method)
Preparation and Storage	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for CCL19 recombinant protein	CCL19 is a small cytokine belonging to the CC chemokine family that is also known as thymus and activation regulated chemokine (TARC). This protein is involved in immunoregulatory and inflammatory processes. It elicits its effects on its target cells by binding to the chemokine receptor chemokine receptor CCR7. It attracts certain cells of the immune system, including dendritic cells and antigen-engaged B cells, CCR7+ effector-memory T-Cells. Recombinant human CCL19 protein, fused to T7-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.
Product Categories/Family for CCL19 recombinant protein	Hormones & Cytokines
References	Yoshida R, et al. (1997) J Biol Chem. 272 (21):13803-9.; Robbiani DF, et al. (2000) Cell. 103 (5):757-68.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	5454040
NCBI GeneID	6363
NCBI Accession #	NP_006265
NCBI GenBank Nucleotide #	NM_006274.2
UniProt Accession #	Q99731; O00697; O00736
Molecular Weight	10.4 kDa (93aa) confirmed by MALDI-TOF
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

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.