

Recombinant Human Chemokine (C-C motif) Ligand 19, T7-tagged

Cat. No. CCL19-154H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CCL19 protein, fused to T7-tag at N-terminus, was expressed in <i>E.coli</i> and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer. MW = 10.4 kDa (93aa).
Species	Human
Source	E.coli
Description	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.
Form	Liquid. In Phosphate Buffered Saline pH7.4 containing 10% glycerol.
Purity	> 95% by SDS – PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MASMTGGQQM GRGSHMG TND AEDCCLSVTQ KPIPGYIVRN FHYLLIKDGC RVPVVFTTL RGRQLCAPPD QPWVERIIQR LQRTSAKMKR RSS.

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Storage can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name [CCL19 chemokine \(C-C motif\) ligand 19 \[Homo sapiens \]](#)

Synonyms small inducible cytokine A19; exodus-3; CK beta-11; EBI1-ligand chemokine ; CC chemokine ligand 19; beta chemokine exodus-3; small inducible cytokine subfamily A (Cys-Cys), member 19; ELC; CKb11; MIP3B; MIP-3b; SCYA19; MGC34433; CCL19; Macrophage inflammatory protein 3 beta; Short name=MIP-3-beta; EBI1-ligand chemokine; Short name=ELC; Beta chemokine exodus-3; CK beta-11; C-C motif chemokine 19; ELC; MIP3B; SCYA19; Chemokine (C-C motif) Ligand 19

Gene ID [6363](#)

mRNA Refseq [NM_006274](#)

Protein Refseq [NP_006265](#)

MIM [602227](#)

UniProt ID [Q99731](#)

Chromosome Location 9p13

Pathway Chemokine signaling pathway; Cytokine-cytokine receptor interaction; Signaling by GPCR

Function chemokine activity

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