

Recombinant Human CCL19 Protein

Cat. No. CCL19-013H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CCL19 protein
Species	Human
ProteinLength	98
Description	This antimicrobial gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene may play a role in normal lymphocyte recirculation and homing. It also plays an important role in trafficking of T cells in thymus, and in T cell and B cell migration to secondary lymphoid organs. It specifically binds to chemokine receptor CCR7.
Form	Lyophilized
AA Sequence	MALLLALLLVLTSPAPTLSGTND AEDCCLSVTQKPIPGYIVRNFHYLLIKDGCRVP AVVFTTLRGRQLCAPPDQPWVERIIQRLQRTSAKMKRRSS
Purity	> 97%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18

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centigrade for future use.

Storage At -20 centigrade.

Storage Buffer PBS (pH 7.4-7.5). Sterile-filtered and lyophilized.

Reconstitution Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

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

Official Symbol CCL19

Synonyms CCL19; chemokine (C-C motif) ligand 19; SCYA19, small inducible cytokine subfamily A (Cys Cys), member 19; C-C motif chemokine 19; beta chemokine exodus 3; CC chemokine ligand 19; CK beta 11; CKb11; EBI1 ligand chemokine; ELC; exodus 3; macrophage inflammatory protein 3 beta; MIP 3b; exodus-3; CK beta-11; MIP-3-beta; EBI1-ligand chemokine; beta chemokine exodus-3; beta-chemokine exodus-3; small-inducible cytokine A19; macrophage inflammatory protein 3-beta; epstein-Barr virus-induced molecule 1 ligand chemokine; small inducible cytokine subfamily A (Cys-Cys), member 19; MIP3B; MIP-3b; SCYA19; MGC34433;

Gene ID 6363

mRNA Refseq NM_006274

Protein Refseq NP_006265

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MIM	602227
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UniProt ID	Q99731
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