

Active Recombinant Mouse Ccl19 Protein

Cat. No. Ccl19-2029M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse chemokine (C-C motif) ligand 19 (Ccl19 / MIP-3beta) without tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Gly26-Val107-Leu-Glu
Description	Strongly chemotactic for naive (L-selectinhi) CD4 T-cells and for CD8 T-cells and weakly attractive for resting B-cells and memory (L-selectinlo) CD4 T-cells. May play a role in promoting encounters between recirculating T-cells and dendritic cells and in the migration of activated B-cells into the T-zone of secondary lymphoid tissues. Binds to chemokine receptor CCR7. Binds to atypical chemokine receptor ACKR4 and mediates the recruitment of beta-arrestin (ARRB1/2) to ACKR4.
Bio-activity	Bioactivity was measured by its property to chemoattract Baf3-hCCR7 transfectants in a dose dependent manner.
Molecular Mass	9.3 kDa
Endotoxin	Less than 0.01 ng/μg protein as determined by the LAL method
Purity	> 95%, as determined by Coomassie stained SDS-PAGE.

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Stability	Unopened vial can be stored between 2 and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
Storage	Store at -80 centigrade.
Concentration	Protein formulated and vialled at >50 µg/mL in specified buffer
Storage Buffer	1 x PBS

GENE INFORMATION

Gene Name	Ccl19 chemokine (C-C motif) ligand 19 [Mus musculus (house mouse)]
Official Symbol	Ccl19
Synonyms	Ccl19; chemokine (C-C motif) ligand 19; ELC; Scya; CKb11; MIP3B; Gm2023; Scya19; exodus; exodus-3; 100039053; C-C motif chemokine 19; EBI-1 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
Gene ID	24047
mRNA Refseq	NM_011888
Protein Refseq	NP_036018
UniProt ID	O70460

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