

## Active Recombinant Mouse Ccl19 Protein

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

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse chemokine (C-C motif) ligand 19 (Ccl19 / MIP-3beta) without tag was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gly26-Val107-Leu-Glu
<b>Description</b>	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.
<b>Bio-activity</b>	Bioactivity was measured by its property to chemoattract Baf3-hCCR7 transfectants in a dose dependent manner.
<b>Molecular Mass</b>	9.3 kDa
<b>Endotoxin</b>	Less than 0.01 ng/μg protein as determined by the LAL method
<b>Purity</b>	> 95%, as determined by Coomassie stained SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	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.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	Protein formulated and vialled at >50 µg/mL in specified buffer
<b>Storage Buffer</b>	1 x PBS

## GENE INFORMATION

<b>Gene Name</b>	Ccl19 chemokine (C-C motif) ligand 19 [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Ccl19
<b>Synonyms</b>	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
<b>Gene ID</b>	24047
<b>mRNA Refseq</b>	NM_011888
<b>Protein Refseq</b>	NP_036018
<b>UniProt ID</b>	O70460

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