

## Product datasheet for **TP723844**

### Ccl19 (NM\_011888) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse chemokine (C-C motif) ligand 19 (Ccl19 / MIP-3beta)
Species:	Mouse
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Mouse CCL19, the region of Gly26-Val107-Leu-Glu, from gene Accession# NM_011888.2
Tag:	Tag Free
Predicted MW:	9.3 kDa
Concentration:	lot specific
Purity:	>95%, as determined by Coomassie stained SDS-PAGE.
Buffer:	1 x PBS
Bioactivity:	Bioactivity was measured by its property to chemoattract Baf3-hCCR7 transfectants in a dose dependent manner.
Endotoxin:	Less than 0.01 ng per µg protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	<a href="#">NP_036018</a>
Locus ID:	24047
UniProt ID:	<a href="#">O70460</a> , <a href="#">Q548P0</a>
RefSeq Size:	720
Cytogenetics:	4 A5
RefSeq ORF:	324
Synonyms:	CKb11; ELC; exodus-3; MIP3B; Scya19



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**Summary:**

Strongly chemotactic for naive (L-selectin<sup>hi</sup>) CD4 T-cells and for CD8 T-cells and weakly attractive for resting B-cells and memory (L-selectin<sup>lo</sup>) 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.[UniProtKB/Swiss-Prot Function]