

## Product datasheet for **TP723799**

### I 309 (CCL1) (NM\_002981) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human chemokine (C-C motif) ligand 1 (CCL1)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Human CCL1, the region of Lys24-Lys96, from gene Accession# NM_002981.1
Tag:	Tag Free
Predicted MW:	8.6 kDa
Concentration:	lot specific
Purity:	>98%, as determined by Coomassie stained SDS-PAGE.
Buffer:	1 x PBS
Bioactivity:	Bioactivity was measured by its property to chemoattract mouse BW.5147.G.1.4OUAR.1 cells 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_002972</a>
Locus ID:	6346
UniProt ID:	<a href="#">P22362</a>
RefSeq Size:	594
Cytogenetics:	17q12
RefSeq ORF:	288
Synonyms:	I-309; P500; SCYA1; SISE; TCA3



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**Summary:**

This antimicrobial gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, is secreted by activated T cells and displays chemotactic activity for monocytes but not for neutrophils. It binds to the chemokine (C-C motif) receptor 8. [provided by RefSeq, Sep 2014]

**Protein Families:**

Druggable Genome, Secreted Protein

**Protein Pathways:**

Chemokine signaling pathway, Cytokine-cytokine receptor interaction