

Product datasheet for **TP720604**

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:	Lys24-Lys96
Tag:	Tag Free
Predicted MW:	8.62 kDa
Concentration:	lot specific
Purity:	Greater than 95% as determined by reducing SEC-HPLC and reducing SDS-PAGE.
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_002972
Locus ID:	6346
UniProt ID:	P22362
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