

Product datasheet for **TP723159**

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:	SKSMQVPFSR CCF5FAEQEI PLRAILCYRN TSSICSNEGL IFKLRGKEA CALDTVGWVQ RHRKMLRHCP SKRK
Tag:	Tag Free
Predicted MW:	8.5 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to chemoattract total human T cell population using a concentration range of 10.0-100.0 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
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