

## Product datasheet for **TP723318**

### Macrophage inflammatory protein 5 (CCL15) (NM\_004167) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human chemokine (C-C motif) ligand 15 (CCL15), transcript variant 1.
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	QFTNDAETEL MMSKLPLENP VVLNSFHFAA DCCTSYISQS IPCSLMKSYF ETSSECSKPG VIFLTKKGRQ VCAKPSGPGV QDCMKKLPY SI
Tag:	Tag Free
Predicted MW:	10.1 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 human T lymphocytes using a concentration range of 1.0-10.0 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:	<a href="#">NP_004158</a>
Locus ID:	6359
UniProt ID:	<a href="#">Q16663</a>
RefSeq Size:	1344
Cytogenetics:	17q12
RefSeq ORF:	339
Synonyms:	HCC-2; HMRP-2B; Lkn-1; LKN1; MIP-1d; MIP-5; NCC-3; NCC3; SCYA15; SCYL3; SY15



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**Summary:** This gene is located in a cluster of similar genes in the same region of chromosome 17. These genes encode CC cytokines, which are secreted proteins characterized by two adjacent cysteines. The product of this gene is chemotactic for T cells and monocytes, and acts through C-C chemokine receptor type 1 (CCR1). The proprotein is further processed into numerous smaller functional peptides. Naturally-occurring readthrough transcripts occur from this gene into the downstream gene, CCL14 (chemokine (C-C motif) ligand 14). [provided by RefSeq, Jan 2013]

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**Protein Pathways:** Chemokine signaling pathway, Cytokine-cytokine receptor interaction