

## Product datasheet for **TP723840**

### Macrophage inflammatory protein 5 (CCL15) (NM\_032965) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human chemokine (C-C motif) ligand 15 (CCL15 / MIP-1delta)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Human CCL15, the region of Gln22-Ile113, from gene Accession# NM_032965.4
Tag:	Tag Free
Predicted MW:	10 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 THP-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_116741</a>
Locus ID:	6359
UniProt ID:	<a href="#">Q16663</a> , <a href="#">A0A0B4J2E2</a>
RefSeq Size:	955
Cytogenetics:	17q12
RefSeq ORF:	339
Synonyms:	HCC-2; HMRP-2B; LKN-1; LKN1; MIP-1 delta; MIP-1D; MIP-5; MRP-2B; 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