

## Product datasheet for TP310897

### Macrophage Inflammatory Protein 3 (CCL23) (NM\_145898) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chemokine (C-C motif) ligand 23 (CCL23), transcript variant CKbeta8, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210897 protein sequence Red=Cloning site Green=Tags(s)

MKVSVAALSCLMLVTALGSQARVTKDAETEFMMSKLPLENPVLLDRFHATSADCCISYTPRSIPCSLLES  
YFETNSECSKPGVIFLTKKGRRFCANPSDKQVQVCMRMLKLDTRIKTRKN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	11.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_665905</a>
Locus ID:	6368
UniProt ID:	<a href="#">P55773</a>
RefSeq Size:	604



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**Cytogenetics:** 17q12

**RefSeq ORF:** 360

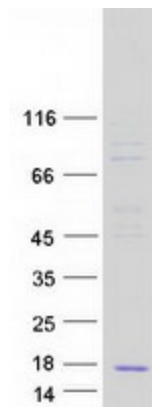
**Synonyms:** CK-BETA-8; Ckb-8; Ckb-8-1; CKb8; hmrp-2a; MIP-3; MIP3; MPIF-1; SCYA23

**Summary:** This 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, displays chemotactic activity on resting T lymphocytes and monocytes, lower activity on neutrophils and no activity on activated T lymphocytes. The protein is also a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line. In addition, the product of this gene is a potent agonist of the chemokine (C-C motif) receptor 1. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Jul 2013]

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

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

**Product images:**



Coomassie blue staining of purified CCL23 protein (Cat# TP310897). The protein was produced from HEK293T cells transfected with CCL23 cDNA clone (Cat# [RC210897]) using MegaTran 2.0 (Cat# [TT210002]).