

Product datasheet for **TP723313**

Macrophage Inflammatory Protein 3 alpha (CCL20) (NM_004591) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human chemokine (C-C motif) ligand 20 (CCL20), transcript variant 1.
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	ASNFDCCCLGY TDRILHPKFI VGFTRQLANE GCDINAIIFH TKKKLSVCAN PKQTTWKYIV RLLSKVKNM
Tag:	Tag Free
Predicted MW:	8 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 cells using a concentration of 10.0-50.0 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_004582
Locus ID:	6364
UniProt ID:	P78556
RefSeq Size:	851
Cytogenetics:	2q36.3
RefSeq ORF:	285
Synonyms:	CKb4; Exodus; LARC; MIP-3-alpha; MIP-3a; MIP3A; SCYA20; ST38



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- Summary:** This antimicrobial gene belongs to the subfamily of small cytokine CC genes. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The protein encoded by this gene displays chemotactic activity for lymphocytes and can repress proliferation of myeloid progenitors. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2014]
- Protein Families:** Druggable Genome, Secreted Protein
- Protein Pathways:** Chemokine signaling pathway, Cytokine-cytokine receptor interaction