

## Product datasheet for **TP762083**

### 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,Ser27-End, with N-terminal His-PDCD1(Pro21-Val170) tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Ser27-End) of CCL20
Tag:	N-His-PDCD1(Pro21-Val170)
Predicted MW:	24.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
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_004582</a>
Locus ID:	6364
UniProt ID:	<a href="#">P78556</a>
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

**Product images:**

