

Product datasheet for **AR09793PU-N**

MIP4 / CCL18 (22-89, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MIP4 / CCL18 (22-89, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH MGSHM</u> QVGTN KELCCLVYTS WQIPQKFIVD YSETSPQCPK PGVILLTKRG RQICADPNKK WVQKYISDLK LNA
Tag:	His-tag
Predicted MW:	10.4 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified peptide Buffer System: 10 mM Sodium Citrate pH 3.5, 10% Glycerol
Endotoxin:	< 1.0 EU per 1 µg of protein (determined by LAL method)
Preparation:	Liquid purified peptide
Protein Description:	Recombinant human CCL18, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_002979</u>
Locus ID:	6362
UniProt ID:	<u>P55774</u>
Cytogenetics:	17q12
Synonyms:	C-C motif chemokine 18, AMAC1, DCCK1, MIP-4, PARC, Small-inducible cytokine A18, SCYA18



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Summary:

This antimicrobial gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for naive T cells, CD4+ and CD8+ T cells and nonactivated lymphocytes, but not for monocytes or granulocytes. This chemokine attracts naive T lymphocytes toward dendritic cells and activated macrophages in lymph nodes. It may play a role in both humoral and cell-mediated immunity responses. [provided by RefSeq, Sep 2014]

Protein Families:

Druggable Genome, Secreted Protein

Protein Pathways:

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Product images: