

Product datasheet for **AR09517PU-L**

MIP3-beta / CCL19 (22-98, T7-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MIP3-beta / CCL19 (22-98, T7-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MASMTGGQOM</u> <u>GRGSHM</u> GTND AEDCCLSVTQ KPIPGYIVRN FHYLLIKDGC RVPVAVFTTL RGRQLCAPPD QPWVERIIQR LQRTSAKMKR RSS
Tag:	T7-tag
Predicted MW:	10.4 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified peptide Buffer System: PBS, pH 7.4, containing 10% glycerol
Endotoxin:	< 1.0 EU per 1 µg of protein (determined by LAL method)
Preparation:	Liquid purified peptide
Protein Description:	Recombinant human CCL19 protein, fused to T7-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.
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_006265</u>
Locus ID:	6363
UniProt ID:	<u>Q99731</u>
Cytogenetics:	9p13.3
Synonyms:	C-C motif chemokine 19, CCL-19, ELC, MIP3B, MIP-3 beta, Small-inducible cytokine A19, SCYA19, Exodus-3



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Summary:

This antimicrobial gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. 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 may play a role in normal lymphocyte recirculation and homing. It also plays an important role in trafficking of T cells in thymus, and in T cell and B cell migration to secondary lymphoid organs. It specifically binds to chemokine receptor CCR7. [provided by RefSeq, Sep 2014]

Protein Families:

Druggable Genome, Secreted Protein

Protein Pathways:

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Product images: