

## Product datasheet for **AR09887PU-L**

### CCL1 / I-309 (24-96, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	CCL1 / I-309 (24-96, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MKSMQVPFSR</u> CCFSAEQEI PLRAILCYRN TSSICSNEGL IFKLRGKEA CALDTVGWVQ RHRKMLRHCP SKRK
Tag:	His-tag
Predicted MW:	10.8 kDa
Concentration:	lot specific
Purity:	>85%
Buffer:	Presentation State: Purified Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 2 mM DTT, 10% glycerol, 50 mM NaCl
Protein Description:	Recombinant human CCL1 protein, fused to His-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_002972</u>
Locus ID:	6346
UniProt ID:	<u>P22362</u>
Cytogenetics:	17q12
Synonyms:	I-309; P500; SCYA1; SISE; TCA3



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**Summary:**

This antimicrobial 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, is secreted by activated T cells and displays chemotactic activity for monocytes but not for neutrophils. It binds to the chemokine (C-C motif) receptor 8. [provided by RefSeq, Sep 2014]

**Protein Families:**

Druggable Genome, Secreted Protein

**Protein Pathways:**

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

**Product images:**