

Product datasheet for **AR09261PU-L**

Eotaxin-3 / CCL26 (24-94) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Eotaxin-3 / CCL26 (24-94) human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MTRGSDISKTCFQYSHKPLPWTWVRSYEF TSNSCSQRAV IFTTKRGKKV CTHPRKKWVQ KYISLLKTPK QL
Predicted MW:	8.5 kDa
Concentration:	lot specific
Purity:	>90% 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:	CCL26 was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.
Note:	(Real molecular weight on SDS-PAGE will be shift up).
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:	NP_006063
Locus ID:	10344
UniProt ID:	Q9Y258
Cytogenetics:	7q11.23
Synonyms:	IMAC; MIP-4a; MIP-4alpha; SCYA26; TSC-1



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Summary:

This gene is one of two Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 7. 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 normal peripheral blood eosinophils and basophils. This protein also has antimicrobial activity, displaying an antibacterial effect on *S. pneumoniae*, *S. aureus*, Non-typeable *H. influenzae*, and *P. aeruginosa*. The product of this gene is one of three related chemokines that specifically activate chemokine receptor CCR3. This chemokine may contribute to the eosinophil accumulation in atopic diseases. [provided by RefSeq, Jul 2020]

Protein Families:

Druggable Genome, Secreted Protein

Protein Pathways:

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Product images: