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Product datasheet for AR09330PU-N

Eotaxin / CCL11 (24-97, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Eotaxin / CCL11 (24-97, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGPASVPTTC CFNLANRKIP LQRLESYRRI TSGKCPQKAV IFKTKLAKDI CADPKKKWVQ DSMKYLDQKS PTPKP
Tag:	His-tag
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:	Recombinant CCL11 protein, fused to His-tag, 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:	NP_002977
Locus ID:	6356
UniProt ID:	P51671, Q6I9T4
Cytogenetics:	17q12
Synonyms:	SCYA11

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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, displays chemotactic activity for eosinophils, but not mononuclear cells or neutrophils. This eosinophil-specific chemokine is thought to be involved in eosinophilic inflammatory diseases such as atopic dermatitis, allergic rhinitis, asthma and parasitic infections. [provided by RefSeq, Sep 2014]

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Asthma, Chemokine signaling pathway, Cytokine-cytokine receptor interaction, NOD-like receptor signaling pathway

Product images: