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Product datasheet for AR09634PU-S

MCP-4 / CCL13 (24-98, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MCP-4 / CCL13 (24-98, His-tag) human recombinant protein, 10 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MQPDALNVPS TCCFTFSSKK ISLQRLKSYV ITTSRCPQKA VIFRTKLGKE ICADPKEKWV QNYMKHLGRK AHTLKT
Tag:	His-tag
Predicted MW:	10.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: PBS, pH 7.4, containing 10% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CCL13 protein, 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:	NP_005399
Locus ID:	6357
UniProt ID:	Q99616
Cytogenetics:	17q12
Synonyms:	CKb10; MCP-4; NCC-1; NCC1; SCYA13; SCYL1

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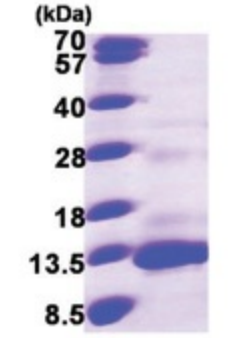
Summary: This antimicrobial gene is one of several Cys-Cys (CC) cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for monocytes, lymphocytes, basophils and eosinophils, but not neutrophils. This chemokine plays a role in accumulation of leukocytes during inflammation. It may also be involved in the recruitment of monocytes into the arterial wall during artherosclerosis. [provided by RefSeq, Sep 2014]

Protein Families: Druggable Genome, Secreted Protein

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

Product images:



15% SDS-PAGE (3ug)