

Recombinant Human CCL13 Protein, His-tagged

Cat. No. CCL13-2729H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCL13 Protein (Phe17-Thr98) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe17-Thr98
Description	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 atherosclerosis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 13.0 kDa Accurate Molecular Mass: \
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	CCL13 C-C motif chemokine ligand 13 [Homo sapiens (human)]
Official Symbol	CCL13
Synonyms	CCL13; C-C motif chemokine ligand 13; NCC1; CKb10; MCP-4; NCC-1; SCYL1; SCYA13; C-C motif chemokine 13; CK-beta-10; chemokine (C-C motif) ligand 13; monocyte chemoattractant protein 4; monocyte chemotactic protein 4; new CC chemokine 1; small inducible cytokine subfamily A (Cys-Cys), member 13; small-inducible cytokine A13
Gene ID	6357
mRNA Refseq	NM_005408

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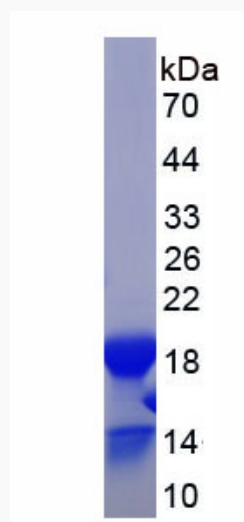
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Protein Refseq NP_005399

MIM 601391

UniProt ID Q99616



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