

Recombinant Human Chemokine (C-C Motif) Ligand 13, His-tagged

Cat. No. CCL13-2792H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CCL13 protein (24-98aa), fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	24-98 a.a.
Description	CCL13 is a small cytokine belonging to the CC chemokine family that is also known as thymus and activation regulated chemokine (TARC). This protein induces chemotaxis in monocytes, eosinophils, T lymphocytes, and basophils by binding cell surface G-protein linked chemokine receptors such as CCR2, CCR3 and CCR5. It can be induced by the inflammatory cytokines interleukin-1 and TNF- α .
Sequences	MGSSHHHHHH SSGLVPRGSH MQPDALNVPS TCCFTFSSKK ISLQRLKSYV ITTSRCPQKA VIFRTKLGKE ICADPKEKWV QNYMKHLGRK AHTLKT.
Form	Liquid. In 20 mM Tris-HCl buffer (pH7.4) containing 0.1M NaCl, 1mM DTT, 10% glycerol.
Molecular Weight	10.8 kDa (96aa), confirmed by MALDI-TOF.
Purity	> 90% by SDS – PAGE.

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Concentration	0.25 mg/ml (determined by Bradford assay).
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
GENE INFORMATION	
Gene Name	CCL13 chemokine (C-C motif) ligand 13 [Homo sapiens]
Synonyms	CCL13; chemokine (C-C motif) ligand 13; C-C motif chemokine 13; CK-beta-10; 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; NCC1; CKb10; MCP-4; NCC-1; SCYL1; SCYA13; MGC17134
Gene ID	6357
mRNA Refseq	NM_005408
Protein Refseq	NP_005399
MIM	601391
UniProt ID	Q99616
Chromosome Location	17q11.2
Pathway	Chemokine signaling pathway; Cytokine-cytokine receptor interaction; NOD-like receptor signaling pathway
Function	chemokine activity; receptor binding; signal transducer activity