

Recombinant Human CCL14, His-tagged

Cat. No. CCL14-167H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CCL14 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.
Species	Human
Source	E.coli
Description	CCL14, also known as Chemokine (C-C motif) ligand 14, is member of a superfamily of inducible, secreted, proinflammatory cytokines. It has weak activities on human monocytes and acts via receptors that also recognize MIP-1 α . It also enhances the proliferation of CD34 myeloid progenitor cells. The processed form of CCL14, designated HCC-1(9-74), is a chemotactic factor that attracts monocytes, eosinophils and T cells and is a ligand for CCR1, CCR3 and CCR5.
Form	Liquid. In Phosphate Buffered Saline pH7.4 containing 10% glycerol.
Molecular Weight	10.9 kDa (95aa) confirmed by MALDI-TOF.
Purity	> 95% by SDS - PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Endotoxin Level	< 1.0 EU per 1 μ g of protein (determined by LAL method).

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Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MTKTESSSRG PYHPSECCFT YTTYKIPRQR IMDYYETNSQ CSKPGIVFIT KRGHSVCTNP SDKWVQDYIK DMKEN.
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.
Pathways	Cytokine-cytokine receptor interaction
GENE INFORMATION	
Gene Name	CCL14 chemokine (C-C motif) ligand 14 [Homo sapiens]
Synonyms	OTTHUMP00000176860; SCYA14; SY14; SCYL2; NCC-2; NCC2; CKb1; MCIF; CC-1; CC-3; CCL14; HCC-1; HCC-1(1-74); HCC-1/HCC-3; chemokine (C-C motif) ligand 14; chemokine CC-1; HCC-3; chemokine CC-3; Chemokine CC-1/CC-3; FLJ16015; Small-inducible cytokine A14; small inducible cytokine subfamily A (Cys-Cys), member 14
Gene ID	6358
mRNA Refseq	NM_032963
Protein Refseq	NP_116739
MIM	601392
UniProt ID	Q16627
Chromosome Location	17q11.2

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Function

chemokine activity; protein binding; signal transducer activity

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