

Product information

CCL14, 20-93 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0930

Full name: C-C motif chemokine 14

NCBI Accession No.: NP_116739

Synonyms: CC-1, CC-3, CKb1, FLJ16015, HCC-1, HCC-3, MCIF, NCC-2, NCC2, SCYA14, SCYL2, SY14

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. 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.

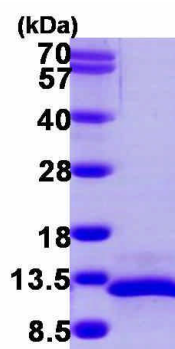
Form: Liquid. In Phosphate Buffered Saline pH7.4 containing 10% glycerol

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)



15% SDS-PAGE (3 μ g)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MTKTESSSRG PYHPSECCFT YTTYKIPRQR IMDYYETNSQ CSKPGIVFIT KRGHSVCTNP SDKWVQDYIK DMKEN

General references:

Munch J., *et al.* (2002) *Antimicrob Agents Chemother.* 46:982-990.

Blain K.Y., *et al.* (2007) *Biochemistry.* 46:10008-10015.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.