

Recombinant Human CCL14/HCC-1/HCC-3

CATALOG #:	4275-10 10 µg 4275-50 50 µg 4275-1000 1 mg
ALTERNATE NAMES:	C-C motif chemokine 14, Chemokine CC-1/CC-3, HCC-1/HCC-3, HCC-1(1-74), NCC-2, Small-inducible cytokine A14, Cleaved into: HCC-1(3-74), HCC-1(4-74), HCC-1(9-74)
SOURCE:	Mammalian cell expression system
PURITY:	> 95% as determined by SEC-HPLC. > 95% as determined by reducing SDS-PAGE
MOL. WEIGHT:	~9.5 kDa (SDS-PAGE)
ENDOTOXIN CONTENT:	< 0.1 ng/µg (1 IEU/µg)
FORMULATION:	Recombinant CCL14/HCC-1/HCC-3 is lyophilized from a 0.2 µm filtered solution of 20 mM PB and 150 mM NaCl, pH 7.2.

SEQUENCE:

Target protein is expressed with sequence (Thr20-Asn93) of Human hcc-1 (Uniprot #Q16627) fused with a polyhistidine tag at the C-terminus.

RECONSTITUTION:

Dissolve in 1x PBS (It is not recommended to reconstitute to a final concentration less than 100 µg/ml.). This can further be diluted to other aqueous buffers.

STORAGE CONDITIONS:

Lyophilized CCL14/HCC-1/HCC-3 should be stored at less than -20°C, though stable at room temperature for 3 weeks. Reconstitute protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at less than -20°C for 3 months. Avoid repeated freeze thaw cycles.

DESCRIPTION:

Chemokine (C-C motif) ligand 14 (CCL14) is a small cytokine belonging to the CC chemokine family. It is also commonly known as HCC-1. It is produced as a protein precursor that is processed to generate a mature active protein containing 74 amino acids that and is 46% identical in amino acid composition to CCL3 and CCL4. This chemokine is expressed in various tissues including spleen, bone marrow, liver, muscle, and gut. CCL14 activates monocytes, but does not induce their chemotaxis. Human CCL14 is located on chromosome 17 within a cluster of other chemokines belonging to the CC family.

RELATED PRODUCTS:

- Recombinant Human CCL23 (Cat. No. 4276-10, 50, 100)
- Recombinant Human CXCL10 (Cat. No. 4277-10, 50, 100)
- Recombinant Human CXCL14 (Cat. No. 4278-10, 50, 100)
- Eotaxin/CCL11, human recombinant (Cat. No. 4028-20, 100, 1000)
- Eotaxin/CCL11, murine recombinant (Cat. No. 4029-10, 1000)
- RANTES, human recombinant (Cat. No. 4321-10, 1000)
- RANTES, murine recombinant (Cat. No. 4322-10, 1000)
- RANTES, rat recombinant (Cat. No. 4323-20, 100, 1000)
- SDF-1alpha (CXCL12), human recombinant (Cat. No. 4387-10, 50, 1000)
- SDF-1alpha (CXCL12), murine recombinant (Cat. No. 4388-10, 50, 1000)
- SDF-1beta (CXCL12), human recombinant (Cat. No. 4390-10, 100, 1000)
- SDF-1beta (CXCL12), murine recombinant (Cat. No. 4391-10, 100, 1000)

