

Recombinant Human CCL14/HCC-3 Protein (His Tag)

Catalog Number:PKSH032187



Note: Centrifuge before opening to ensure complete recovery of vial contents.

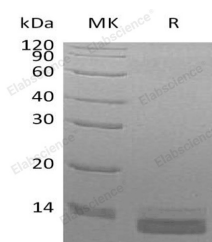
Description

Synonyms	C-C Motif Chemokine 14;Chemokine CC-1/CC-3;HCC-1/HCC-3;HCC-1(1-74);NCC-2;Small-Inducible Cytokine A14;CCL14;NCC2;SCYA14
Species	Human
Expression Host	HEK293 Cells
Sequence	Thr 20-Asn93
Accession	Q16627
Calculated Molecular Weight	9.7 kDa
Observed molecular weight	13 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed man
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Chemokine (C-C motif) Ligand 14 (CCL14) is a small cytokine belonging to the CC chemokine family. 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.

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