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Datasheet for ABIN1096257

CCL14 Protein (AA 20-93) (His tag)

Overview

Quantity:	50 µg
Target:	CCL14
Protein Characteristics:	AA 20-93
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCL14 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human C-C Motif Chemokine 14/CCL14/HCC-3 (C-6His)
Sequence:	TKTESSSRGP YHPSECCFTY TTYKIPRQRI MDYYETNSQC SKPGIVFITK RGHSVCTNPS DKWVQDYIKD MKENVDH HHH HH
Characteristics:	Recombinant Human C-C Motif Chemokine 14/CCL14 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (Thr20-Asn93) of Human CCL14 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CCL14
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Target Details

Alternative Name:	hcc-1 (CCL14 Products)
Sub Type:	Fusionprotein
Background:	<p>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.</p> <p>Alternative 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, CCL14, NCC2, SCYA14</p>
Molecular Weight:	9.71 kDa
UniProt:	Q16627

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Expiry Date:	3 months