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Datasheet for ABIN7455691 CCL23 Protein

Overview

Quantity:	50 µg
Target:	CCL23
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human C-C Motif Chemokine 23 is produced by our E.coli expression system and the target gene encoding Arg46-Asn120 is expressed.
Characteristics:	Extracellular Domain Protein
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	CCL23
Alternative Name:	CCL23 (CCL23 Products)
Background:	C-C Motif Chemokine 23, CK-Beta-8, CKB-8, Macrophage Inflammatory Protein 3, MIP-3, Myeloid Progenitor Inhibitory Factor 1, MPIF-1, Small-Inducible Cytokine A23, CCL23, MIP3, MPIF1, SCYA23 Human Chemokine (C-C Motif) Ligand 23 (CCL23) is a small cytokine belonging to the CC chemokine family. CCL23 is also known as myeloid progenitor inhibitory factor MPIF-1, CK8 and SCYA23. CCL23 cDNA encodes a 120 amino acid residue precursor protein with a putative 21 amino acid residue signal peptide that is cleaved to generate a 99 amino acid residue mature CCL23 (amino acids 22 -120). Additional N-terminal Processing of the 99 amino

Target Details

acid residue variant can generate a 75 amino acid residue peptide (amino acid 46-120) that is significantly more active than the 99 amino acid residue variant. CCL23 binds to CCR1 with high affinity and has chemotactic activity for monocytes, dendritic cells, and osteoclast precursors. CCL23 enhances angiogenesis of endothelial cells, but reduces the proliferation of progenitor cells giving rise to granulocyte and monocyte lineages.

Molecular Weight: 8.7 KDa

UniProt: [P55773](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: a 0.2 µm filtered solution of 20 mM PB, 250 mM NaCl, pH 7.2.

Storage: -20 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months