PRODUCT INFORMATION

Target	CCL23
Synonyms	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
Description	Recombinant Human C-C Motif Chemokine 23 is produced by our E.coli expression system and the target gene encoding Arg46-Asn120 is expressed.
Delivery	In Stock
Uniprot ID	P55773
Expression Host	E.coli
Tag	
Molecular Characterization	Not available
Molecular Weight	8.7 KDa
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Formulation & Reconstitution	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 250mM NaCl, pH 7.2.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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 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.
Usage	Research use only
Conjugate	Unconjugated

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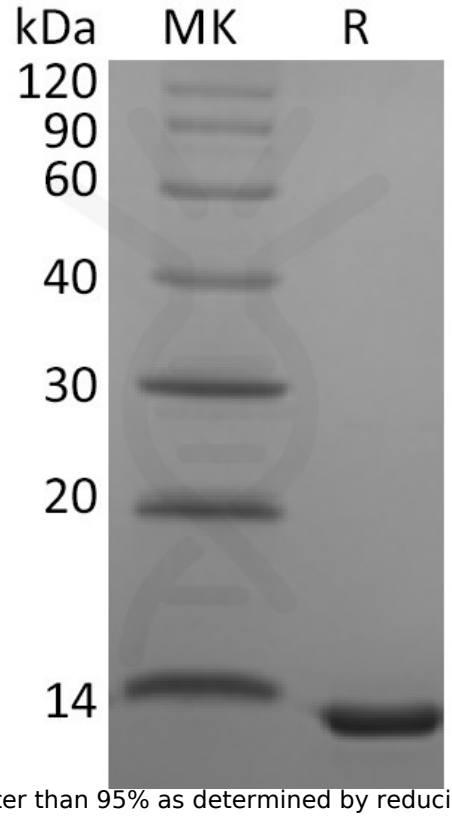


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

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