✕ abeomics

32-7076: Recombinant Human C-C Motif Chemokine 23/CCL23

Gene :   CCL23
Gene ID :   6368
Uniprot ID : P55773

Description

Source: E.coli.
MW :11.5kD.
Recombinant Human C-C Motif Chemokine 23 is produced by our E.coli expression system and the target gene encoding Arg22-Asn120 is expressed. 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.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 250mM NaCl, pH 7.2.
Storage condition :	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.
Amino Acid :	MRVTKDAETEFMMSKLPLENPVLLDRFHATSADCCISYTPRSIPCSLLESYFETNSECSKPGVIFLTKKGRRFCAN PSDKQVQVCVRMLKLDTRIKTRKN

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Ã�Âµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/Ã�Âµg (1 IEU/Ã�Âµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.