Public Protein/Plasmid Library

C-C motif chemokine 23 (CCL23), Human

Cat.no. PK0253

Product size: 10ug 50ug 1mg
Source: CHO
Species: Human

Biological Activity: The EC50 value of human CCL23 on Ca^{2+} mobilization assay in CHO-K1/Ga15/hCCR1 cells (human Ga15 and human CCR1 stably expressed in CHO-K1 cells) is less than 0.4 μg/ml.

Molecular Weight: 10.5 kDa, observed by reducing SDS-PAGE.

Formulation: Lyophilized after extensive dialysis against PBS.

Reconstitution: Reconstituted in ddH_2O or PBS at 100 μg/ml.

Purity: > 98% by SDS-PAGE and HPLC analyses.

Endotoxin Level: < 0.2 EU/μg, determined by LAL method.

Storage: Lyophilized recombinant human CCL23 remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, human CCL23 should be stable up to 1 week at 4°C or up to 2 months at -20°C.

Description: Chemokine (C-C motif) ligand 23 (CCL23) is a small cytokine belonging to the CC chemokine family that is also known as Macrophage inflammatory protein 3 (MIP-3) and Myeloid progenitor inhibitory factor 1 (MPIF-1). CCL23 is predominantly expressed in lung and liver tissue, but is also found in bone marrow and placenta.CCL23 is highly chemotactic for resting T cells and monocytes and slightly chemotactic for neutrophils. It has also been attributed to an inhibitory activity on hematopoietic progenitor cells. CCL23 is a ligand for the chemokine receptor CCR1. Recombinant human CCL23 produced in CHO cells is a single polypeptide chain containing 92 amino acids.

Amino Acid Sequence:
00001 MLWRRKIGPQ MTLSHAAGFH ATSADCCISY TPRSIPCSLL
00041 ESYFETNSEC SKPGVIFLTK KGRRFCANPS DKQVQVCVRM
00081 LKLDTRIKTR KN

Synonyms: C-C motif chemokine 23, CK-beta-8, CKB-8, CKB8, Macrophage inflammatory protein 3, MIP-3, Myeloid progenitor inhibitory factor 1, MPIF-1, Small-inducible cytokine A23, CCL23, MIP3, MPIF1, SCYA23

Note： For research use only, not for use in diagnostic procedure.