

Recombinant Human CCL23/MPIF-1 Protein (Sumo Tag)

AssayGenie



RPES8111

Product Information

Product SKU: RPES8111	Expression Host: E.coli	Size: 20µg
Tag: N-Sumo	Reactivity: Human	Accession: P55773

Additional Information

Calculated MW: 23.8 kDa	Observed MW: 30 kDa
Sequence: Arg22-Asn120	

Protein Information

Background: CCL23/MPIF-1, also known as MIP 3, is a small cytokine which belongs to the CC chemokine family. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. CCL23/MPIF-1 is predominantly expressed in lung and liver tissue, but also can be detected in bone marrow and placenta. It displays chemotactic activity on resting T lymphocytes and monocytes, lower activity on neutrophils and no activity on activated T lymphocytes. CCL23/MPIF-1 is also a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line.

Synonyms: CCL, CKB, SCYA, C-C Motif Chemokine, C C motif chemokine ligand, Small-Inducible Cytokine A, Macrophage Inflammatory Protein, Myeloid Progenitor Inhibitory Factor, C C motif chemokine ligand 23, C6 beta chemokine, C-C Motif Chemokine 23, CKB-8, CK-Beta-8, Macrophage Inflammatory Protein 3, MIP-3, MPIF-1, Myeloid Progenitor Inhibitory Factor 1, Small-Inducible Cytokine A23, MIP3, MPIF1, SCYA23, CCL23, Ckb-8, MIP-3, MPIF-1, SCYA23, CCL 23, CCL23(30-99), Chemokine (C C motif) ligand 23, Chemokine CC motif ligand 23, ck beta 8, CKB 8, CKb8, Ckb-8-1, Hmrp-2a, member 23, MIP 3, MPIF 1, OTTHUMP00000163948, SCYA 23, Small inducible cytokine A 23, Small inducible cytokine subfamily A, Small inducible cytokine subfamily A (Cys-Cys)

Endotoxin: < 10 EU/mg of the protein as determined by the LAL method

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Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Purity: > 90% as determined by reducing SDS-PAGE.

Bio-Activity: Not validated for activity

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.