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## Recombinant human MCP-1 / CCL2 protein, C-His-Avi (HEK293)

Catalog Number: bs-47150P

Concentration: >0.5 mg/ml

Species: Human

AA Seq: 24-99/99

Predicted MW: 28

Detected MW: Due to glycosylation, the protein migrates to 15-20 kDa based on Tris-Bis PAGE result.

Tags: C-His-Avi

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

Form: Lyophilized

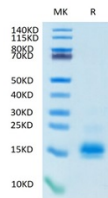
Storage: Lyophilized from 0.22um filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

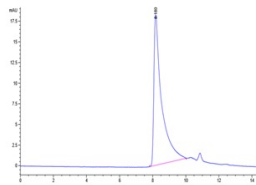
**Background:** Chemotactic factor that attracts monocytes and basophils but not neutrophils or eosinophils. Augments monocyte anti-tumor activity. Has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis or atherosclerosis. May be involved in the recruitment of monocytes into the arterial wall during the disease process of atherosclerosis. Monomer or homodimer; in equilibrium. Binds to CCR2 and CCR4. Is tethered on endothelial cells by glycosaminoglycan (GAG) side chains of proteoglycans. Processing at the N-terminus can regulate receptor and targetcell selectivity. Deletion of the N-terminal residue converts it from an activator of basophil to an eosinophil chemoattractant. Genetic variations in CCL2 determine Mycobacterium tuberculosis susceptibility. Belongs to the intercrine beta (chemokine CC) family. The MCP-1 (the monocyte chemotactic protein1) has many pits that regulates the function toward sex to turn to record the factor, it can induce to have relation with inflammation with the immunity various genes turn to record. The immunity MCP-1 set turns the male signal to mainly locate the afterbirth syrup inside.

### VALIDATION IMAGES

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Recombinant Human MCP-1 Protein on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Recombinant Human MCP-1 Protein is greater than 95% as determined by SEC-HPLC.