Biotinylated Human MCP-1/CCL2 Protein

Catalog # MCP1-HB001 Form: Lyophilized

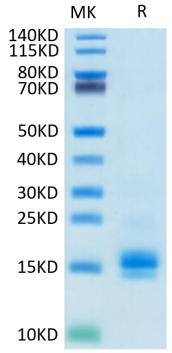
Product Details

Product description	Recombinant Biotinylated Human MCP-1/CCL2 Protein is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus. It contains amino acid residues Gln24-Thr99 (UniProt accession: P13500).
Molecular aliases	C-C motif chemokine 2; CCL2; HC11; MCAF; MCP-1; HSMCR30; MCP1; SCYA2; SMC-CF; GDCF-2; GDCF2
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 11.5 kDa. Due to glycosylation, the protein migrates to 15-20 kDa based on Bis-Tris PAGE result.
Purity	> 90% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Biotinylated Human MCP-1 on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.