

# Product Datasheet

## Recombinant Human CCL2/MCP1 Protein NBP1-46094-5ug

Unit Size: 5 ug

Store at -80C. Avoid freeze-thaw cycles.

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**NBP1-46094-5ug**

Recombinant Human CCL2/MCP1 Protein

Product Information	
Unit Size	5 ug
Concentration	Lyoph
Storage	Store at -80C. Avoid freeze-thaw cycles.
Reconstitution Instructions	Reconstitute with 0.5 ml sterilized PBS. After reconstitution the buffer solution will contain 1% human serum albumin and 10% trehalose already present in the vial.

Product Description	
Description	A recombinant protein to CCL2.
Gene ID	6347
Gene Symbol	CCL2
Species	Human
Reactivity Notes	This is a Human protein
Specificity/Sensitivity	MCP-1 HCX migrates as a band between 10 and 20 kDa in SDS-PAGE due to post- translation modifications, in particular glycosylation. This compares with the unmodified MCP- 1 that has a predicted molecular mass of 8.7kDa.
Preparation Method	A DNA sequence encoding the human MCP-1 protein sequence (containing the signal peptide sequence, and the mature human MCP-1 sequence) was expressed in modified human 293 cells.
Notes	Purity is greater than 95%, as determined by SDS-PAGE and visualized by silver stain.

Product Application Details	
Applications	Western Blot, Functional, Block/Neutralize
Recommended Dilutions	Western Blot, Functional, Block/Neutralize
Application Notes	This protein is functionally active and can be used for Blocking and Neutralizing. It can also be used for Western Blot. Unmodified MCP-1 has a predicted pI of 9.39.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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