

# Product Datasheet

## Recombinant Human CCL13/MCP-4 Protein NBP2-34973-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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Updated 1/25/2025 v.20.1

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**NBP2-34973-5ug****Recombinant Human CCL13/MCP-4 Protein**

<b>Product Information</b>	
<b>Unit Size</b>	5ug
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
<b>Purity</b>	>95%, by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from a 0.2 um filtered concentrated solution in 20 mM PB, pH 7.4, 130 mM NaCl.
<b>Target Molecular Weight</b>	8.6 kDa

<b>Product Description</b>	
<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 75 amino acids corresponding to CCL13/MCP-4 <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> Q99616</p> <p><b>Amino Acid Sequence:</b> QPDALNVPST CCFTFSSKKI SLQRLKSYVI TTSRCPQKAV IFRTKLGKEI CADPKEKWVQ NYMKHLGRKA HTLKT</p>
<b>Gene ID</b>	6357
<b>Gene Symbol</b>	CCL13
<b>Species</b>	Human
<b>Details of Functionality</b>	MCP4 Protein is fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human monocytes is in a concentration of 10-100 ng/ml.
<b>Endotoxin Note</b>	Less than 1 EU/ug of CCL13/MCP-4 as determined by LAL method.

<b>Product Application Details</b>	
<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity





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### **Products Related to NBP2-34973-5ug**

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210-TA-005	TNF-alpha [Unconjugated]
DY327	CCL13/MCP-4 [Biotin]
6507-IL-010/CF	IL-4 [Unconjugated]
DCP00	CCL2/JE/MCP-1 [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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