

# Product Datasheet

## Recombinant Mouse CCL3/MIP-1 alpha Protein NBP2-35193-100ug

Unit Size: 100 ug

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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**NBP2-35193-100ug**

Recombinant Mouse CCL3/MIP-1 alpha Protein

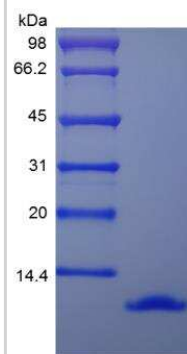
Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	> 98 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA.
Target Molecular Weight	7.9 kDa

Product Description	
Description	A recombinant protein containing 69 amino acid residues corresponding to CCL3/MIP-1 alpha, including the four highly conserved cysteine residues present in CC chemokines <b>Source:</b> <i>E. coli</i>  <b>Uniprot ID:</b> <i>P10855</i>  <b>Amino Acid Sequence:</b> <i>APYGADTPTA CCFSYSRKIP RQFIVDYFET SSLCSQPGVI FLTKRNRQIC ADSKETWVQE YITDLELNA</i>
Gene ID	6348
Gene Symbol	CCL3
Species	Mouse
Details of Functionality	CCL3 Protein is fully biologically active when compared to standard. The biological activity determined by a chemoattract bioassay using murine splenocytes is in a concentration range of 10-100 ng/ml.
Endotoxin Note	Less than 0.1 EU/ug of CCL3/MIP-1 alpha as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

## Images

SDS-Page: Mouse CCL3/MIP-1 alpha Protein [NBP2-35193]



## Publications

Guo X, Pan Y, Xiong M et al. Midkine activation of CD8+ T cells establishes a neuron-immune-cancer axis responsible for low-grade glioma growth Nat Commun 2020-05-01 [PMID: 32358581] (Mouse)



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### **Products Related to NBP2-35193-100ug**

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NBP2-35011-5ug	Recombinant Human CCL3/MIP-1 alpha Protein
210-TA-005	TNF-alpha [Unconjugated]
MMA00	CCL3/MIP-1 alpha [HRP]
M6000B-1	IL-6 [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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