

# Product Datasheet

## Recombinant Rat MIF Protein NBP2-35276-10ug

Unit Size: 10ug

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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### Publications: 1

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**NBP2-35276-10ug**

Recombinant Rat MIF Protein

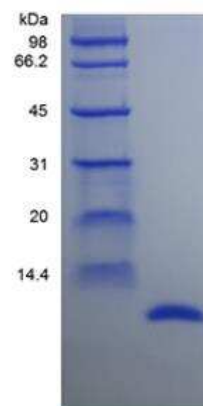
Product Information	
Unit Size	10ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	Trehalose
Reconstitution Instructions	Recommended to centrifuge 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	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 20 mM Tris, pH 8.0, 150 mM NaCl, 3 % trehalose.
Target Molecular Weight	12.5 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 115 amino acids corresponding to MIF <b>Source:</b> <i>E. coli</i>  <b>Uniprot ID:</b> <i>P30904</i>  <b>Amino Acid Sequence:</b> <i>MPMFIVNTNV PRASVPEGFL SELTQQLAQA TGKPAQYIAV HVVPDQLMTF SGTSDPCALC SLHSIGKIGG AQNRNYSKLL CGLLSDRHLI SPDRVYINYY DMNAANVGWN GSTFA</i>
Gene ID	4282
Gene Symbol	MIF
Species	Rat
Details of Functionality	Test in process
Endotoxin Note	Less than 1 EU/ug of MIF as determined by LAL method.

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

**Images**

SDS-Page: Rat MIF Protein [NBP2-35276]



## Publications

Liu J, Chen Y, Chen H et al. Macrophage migration inhibitory factor exacerbates asthmatic airway remodeling via dynamin-related protein 1-mediated autophagy activation Respiratory research 2023-09-06 [PMID: 37674165] (In vitro)





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### **Products Related to NBP2-35276-10ug**

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NBP2-35190-10ug	Recombinant Mouse MIF Protein
210-TA-005	TNF-alpha [Unconjugated]
MAB289-100	MIF Antibody (12302) [Unconjugated]
DVE00	VEGF [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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