

# Product Datasheet

## Recombinant Human MIF Protein NBP2-34998-10ug

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

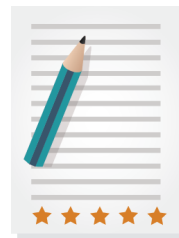
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**NBP2-34998-10ug**

## Recombinant Human 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	5% 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	>95%, by SDS-PAGE
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4. with 0.02% Tween-80.
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>Amino Acid Sequence:</b> <i>MPMFIVNTNV PRASVPDGFL SELTQQLAQA TGKPPQYIAV HVVPDQLMAF GGSSEPCALC SLHSIGKIGG AQNRSYSKLL CGLLAERLRI SPDRVYINY DMNAANVGWN NSTFA</i>
Gene ID	4282
Gene Symbol	MIF
Species	Human
Details of Functionality	MIF Protein is fully biologically active when compared to standard. The specific activity is determined by binding rhCD74 in a functional ELISA.
Endotoxin Note	Less than 1 EU/ug of MIF as determined by LAL method.

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

**Publications**

Jovanovic Krivokuca M, Stefanoska I, Vilotic A et al. Macrophage migration inhibitory factor modulates cytokine expression in the trophoblast cell line HTR-8/SVneo Reproduction, fertility, and development 2020-12-16 [PMID: 33323165]





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### **Products Related to NBP2-34998-10ug**

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NBP2-35276-10ug	Recombinant Rat 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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