Recombinant Mouse Mif protein, His-tagged

Cat. No. Mif-4001M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mif protein(P34884)(Pro2-Ala115), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Pro2-Ala115
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The secreted recombinant mouse MIF consists of 125 amino acids and has a calculated molecular mass of 13.8 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 18 and 22 kDa in SDS-PAGE under reducing conditions due to different glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Mif macrophage migration inhibitory factor [Mus musculus]
Official Symbol	Mif
Synonyms	MIF; macrophage migration inhibitory factor; DER6; L-dopachrome isomerase; L-dopachrome tautomerase; phenylpyruvate tautomerase; glycosylation-inhibiting factor; delayed early response protein 6; GIF; Glif; MGC107654;
Gene ID	17319
mRNA Refseq	NM_010798
Protein Refseq	NP_034928

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