Recombinant Mouse Hspd1 protein, His-tagged

Cat. No. Hspd1-4058M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hspd1 protein(NP_034607.3)(Leu2-Phe573), fused with His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu2-Phe573
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 recombinant mouse HSP60 consisting of 583 amino acids and has a calculated molecular mass of 62.3 kDa. rmHSP60 migrates as an approximately 58 kDa band in SDS-PAGE under reducing conditions.
Purity	> 75 % 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 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

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Hspd1 heat shock protein 1 (chaperonin) [Mus musculus]
Official Symbol	Hspd1
Synonyms	HSPD1; heat shock protein 1 (chaperonin); 60 kDa heat shock protein, mitochondrial; CPN60; HSP-60; HSP-65; chaperonin 60; 60 kDa chaperonin; heat shock protein 60; heat shock protein, 60 kDa; mitochondrial matrix protein P1; heat shock 60kDa protein 1 (chaperonin); 60kDa; Hsp60;
Gene ID	15510
mRNA Refseq	NM_010477
Protein Refseq	NP_034607

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