

Recombinant Mouse Hspd1 protein, His & T7-tagged

Cat. No. Hspd1-7778M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hspd1 aa. (Met316~Phe573 (Accession # P63038)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met316~Phe573
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.3.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

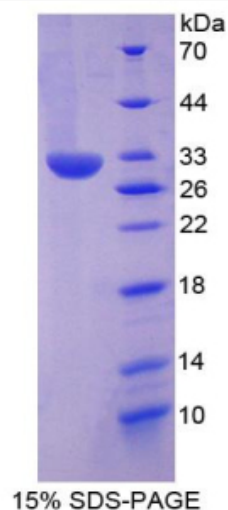
Gene Name	Hspd1 heat shock protein 1 (chaperonin) [Mus musculus (house mouse)]
Official Symbol	Hspd1
Synonyms	Hspd1; heat shock protein 1 (chaperonin); 60kDa; Hsp60; 60 kDa heat shock protein, mitochondrial; 60 kDa chaperonin; CPN60; HSP-60; HSP-65; chaperonin 60; heat shock 60kDa protein 1 (chaperonin); heat shock protein 60; heat shock protein, 60 kDa; mitochondrial matrix protein P1
Gene ID	15510
mRNA Refseq	NM_010477.4
Protein Refseq	NP_034607.3
UniProt ID	P63038

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SDS-PAGE



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