

Recombinant Mouse Hspb1 protein, His-tagged

Cat. No. Hspb1-814M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hspb1 aa. (Met1~Lys209 (Accession # P14602)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Lys209
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.4.
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% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Hspb1 heat shock protein 1 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Hspb1
Synonyms	27kDa; Hsp25; HSP 25; HSP 27; growth-related 25 kDa protein; heat shock 25 kDa protein; heat shock 27 kDa protein; heat shock 27kDa protein 1; heat shock protein, 25 kDa; p25; truncated hsp25; heat shock protein beta-1
Gene ID	15507
mRNA Refseq	NM_013560.2
Protein Refseq	NP_038588.2
UniProt ID	P14602

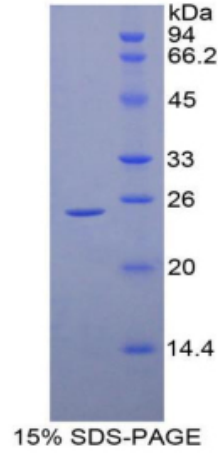
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SDS-PAGE



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