Recombinant Rat Hspb6 protein, His-tagged

Cat. No. Hspb6-1450R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hspb6 aa. (Met1~Lys162 (Accession # P97541) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Lys162
Description	May play a role in muscle contraction.
Form	Freeze-dried powder
Molecular Mass	19kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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	at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
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 liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Hspb6 heat shock protein family B (small) member 6 [Rattus norvegicus (Norway rat)]
Official Symbol	Hspb6
Synonyms	Hspb6; heat shock protein family B (small) member 6; p20; Hsp20; heat shock protein beta-6; heat shock 20 kDa-like protein p20; heat shock 20-kDa protein; heat shock protein family B (small) member B6; heat shock protein, alpha-crystallin-related, B6
Gene ID	192245
mRNA Refseq	NM_138887.1
Protein Refseq	NP_620242.1
UniProt ID	P97541

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