

Recombinant Rat Hspa2 protein, His & S-tagged

Cat. No. Hspa2-8256R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hspa2 aa. (Leu23~Ile314) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu23~Ile314
Description	Involved in repeated binding and release of substrate.
Form	Freeze-dried powder
Molecular Mass	40kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.5.
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	Hspa2 heat shock protein family A member 2 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Hspa2
Synonyms	Hspa2; heat shock protein family A member 2; Hst70; Hspt70; heat shock-related 70 kDa protein 2; HST; heat shock 70kDa protein 2; heat shock protein 2; heat shock protein 70.2; heat shock protein alpha 2; testis-specific heat shock protein-related gene hst70
Gene ID	60460
mRNA Refseq	NM_021863.3
Protein Refseq	NP_068635.1
UniProt ID	P14659

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