

Recombinant Rat Hspa8 protein, His-tagged

Cat. No. Hspa8-8260R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hspa8 aa. (Asp534~Gly615 (Accession # P63018)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asp534~Gly615
Description	Member of the hsp70 protein; expressed in unstressed cells.
Form	Freeze-dried powder
Molecular Mass	11kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.8.
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

Hspa8 heat shock protein family A (Hsp70) member 8 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Hspa8

Synonyms

Hspa8; heat shock protein family A (Hsp70) member 8; Hsc70; heat shock cognate 71 kDa protein; Heat shock cognate protein 70; heat shock 70kD protein 8; heat shock 70kDa protein 8; heat shock protein 8; heat shock protein A8

Gene ID

24468

mRNA Refseq

NM_024351.2

Protein Refseq

NP_077327.1

UniProt ID

P63018

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA