Recombinant Mouse Hspa1a protein, His-tagged

Cat. No. Hspa1a-1482M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hspa1a aa. (Met1~Asp641) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Asp641
Form	Freeze-dried powder
Molecular Mass	60kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 5.7.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
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

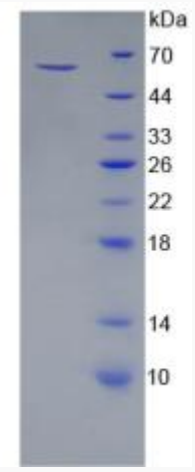
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	than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Hspa1a heat shock protein 1A [Mus musculus (house mouse)]
Official Symbol	Hspa1a
Synonyms	Hsp72; hsp68; Hsp70-3; Hsp70.3; hsp70A1; 68 kDa heat shock protein; heat shock 70 kDa protein 3; heat shock 70kDa protein 1A; heat shock protein, 70 kDa 3; inducible heat shock protein 70; heat shock 70 kDa protein 1A
Gene ID	193740
mRNA Refseq	NM_010479.2
Protein Refseq	NP_034609.2
UniProt ID	Q61696

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SDS-PAGE	

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