

Recombinant Mouse Hspa1a protein, His-tagged

Cat. No. Hspa1a-1306M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hspa1a protein(NP_034609.2)(Ala2-Asp641), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Ala2-Asp641
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse HSPA1A consists of 651 amino acids and predicts a molecular mass of 71.5 kDa. It migrates as an approximately 64.3 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Hspa1a heat shock protein 1A \[Mus musculus \]](#)

Official Symbol [Hspa1a](#)

Synonyms HSPA1A; heat shock protein 1A; heat shock 70 kDa protein 1A; 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; Hsp72; hsp68; Hsp70-3; Hsp70.3; hsp70A1; MGC189852;

Gene ID [193740](#)

mRNA Refseq [NM_010479](#)

Protein Refseq [NP_034609](#)

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