

Recombinant Mouse Hspa1l protein, His-sumostar-tagged

Cat. No. Hspa1l-4713M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hspa1l protein(P16627)(1-641 aa), fused with N-terminal His and sumostar tag, was expressed in Yeast.
Species	Mouse
Source	Yeast
ProteinLength	1-641 aa
Form	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
Molecular Mass	83.7 kDa
AASequence	MAANKGMAIGIDLGTTYSCVGVFQHGKVEIANDQGNRTTPSYVAFTDTERLIGDAAK NQVAMNPQNTVFDKRLIGRKFNPDVQSDMKLWPFQVINEAGKPKVMVSYKGEK KAFYPEEISSMVLTKMKETAFLGHNVNAVITVPAYFNDSQRQATKDAGVIAGLN VLRINEPTAAAIAYGLDKGSHGERHVLIFDLGGGTFDVSILTIDDGIFEVKATAGDTHL GGEDFDNRLVSHFVEEFKRKHKKDISQNKRAVRRLRTACERAKRTLSSSTQANLEID SLYEGIDFYTSITRARFEELCADLFRGTLEPVEKSLRDAKMDKAKIHDIVLVGGSTRIP KVQKLLQDYFNDRDLNKSINPDEAVAYGAAVQAAILMGDKSEKVQDLLLLDVAPLSL GLETAGGVMTVLIKRNSTIPTKQTQIFTTYSNQPGLVLIQVYEGERAMTRDNNLLGRF DLTGIPAPRGVPQIEVTFDIDANGILNVTAMDKSTGKANKITITNDKGRLSKEEIERM

 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

VQEAERYKAEDEGQREKIAAKNALESYAFNMKSAVGDEGLKDKISESDKKKILDKCN
EVLSWLEANQLAEKDEFDHKRKELENMCNPIITKLYQSGCTGPTCTPGYTPGRAAT
GPTIEEVD

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

GENE INFORMATION

Gene Name [Hspa1l heat shock protein 1-like \[Mus musculus \]](#)

Official Symbol [Hspa1l](#)

Synonyms HSPA1L; heat shock protein 1-like; heat shock 70 kDa protein 1-like; heat shock 70 kDa protein 1L; heat shock 70kDa protein 1-like; inducible heat shock protein 70; heat shock 70 kDa-like protein 1; heat shock-related protein hsc70t; heat shock protein cognate 70, testis; spermatid-specific heat shock protein 70; Msh5; Hsc70t; MGC150263; MGC150264;

Gene ID [15482](#)

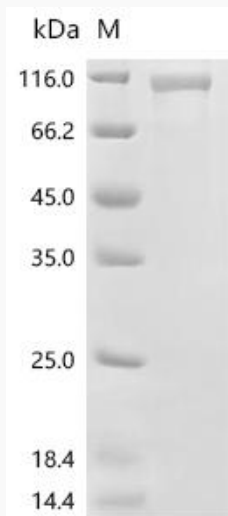
mRNA Refseq [NM_013558](#)

Protein Refseq [NP_038586](#)

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SDS-PAGE

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