Recombinant Mouse Hspa1b protein, His-SUMO-tagged

Cat. No. Hspa1b-3057M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hspa1b protein(P17879)(2-642aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	2-642aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	86 kDa
AA Sequence	AKNTAIGIDLGTTYSCVGVFQHGKVEIIANDQGNRTTPSYVAFTDTERLIGDAAKNQV ALNPQNTVFDAKRLIGRKFGDAVVQSDMKHWPFQVVNDGDKPKVQVNYKGESRSF FPEEISSMVLTKMKEIAEAYLGHPVTNAVITVPAYFNDSQRQATKDAGVIAGLNVLRII NEPTAAAIAYGLDRTGKGERNVLIFDLGGGTFDVSILTIDDGIFEVKATAGDTHLGGE DFDNRLVSHFVEEFKRKHKKDISQNKRAVRRLRTACERAKRTLSSSTQASLEIDSLF EGIDFYTSITRARFEELCSDLFRGTLEPVEKALRDAKMDKAQIHDLVLVGGSTRIPKV QKLLQDFFNGRDLNKSINPDEAVAYGAAVQAAILMGDKSENVQDLLLLDVAPLSLGL ETAGGVMTALIKRNSTIPTKQTQTFTTYSDNQPGVLIQVYEGERAMTRDNNLLGRFE LSGIPPAPRGVPQIEVTFDIDANGILNVTATDKSTGKANKITITNDKGRLSKEEIERMV

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	QEAERYKAEDEVQRDRVAAKNALESYAFNMKSAVEDEGLKGKLSEADKKKVLDKC QEVISWLDSNTLADKEEFVHKREELERVCSPIISGLYQGAGAPGAGGFGAQAPPKG ASGSGPTIEEVD
Purity	Greater than 90% 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 in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	Hspa1b heat shock protein 1B [Mus musculus]
Official Symbol	Hspa1b
Synonyms	HSPA1B; heat shock protein 1B; heat shock 70 kDa protein 1B; heat shock protein 70.1; 68 kDa heat shock protein; heat shock 70 kDa protein 1; heat shock 70kDa protein 1B; heat shock protein, 70 kDa 1; Hsp70; hsp68; Hsp70-1; Hsp70.1;
Gene ID	15511
mRNA Refseq	NM_010478
Protein Refseq	NP_034608

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