

Heat Shock 70kDa Protein 1B (HSPA1B) Recombinant Protein | HSPA1B recombinant protein

Recombinant Heat Shock 70kDa Protein 1B (HSPA1B)

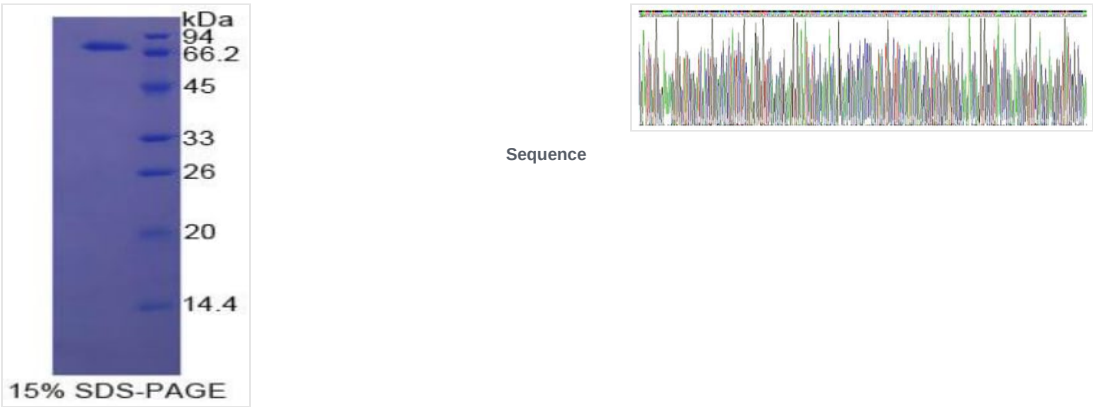
CATALOG # AAA134394	HOST E.coli	REACTIVITY Bos taurus; Bovine (Cattle)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Heat Shock 70kDa Protein 1B (HSPA1B); Recombinant Heat Shock 70kDa Protein 1B (HSPA1B); HSPA1B recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Bos taurus; Bovine (Cattle)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose
Concentration	Original Concentration: 100ug/mL (varies by lot)
Sequence	MAKNTAIGID LGTTYSCVGV FQHGKVEIIA NDQGNRTTPS YVAFDTERL IGDAAKNQVA LNPQNTVFDA KRLIGRKFGD PVVQSDMKHW PFRVINDGDK PKVQVSYKGE TKAFYPEEIS SMVLTKMKEI AEAYLGHPVT NAVITVPAYF NDSQRQATKD AGVIAGLNVL RIINEPTAAA IAYGLDRTGK GERNVLIFDL GGGTFDVSIL TIDDGIFEVK ATAGDTHLGG EDFDNRLVNH FVEEFKRKHK KDISQNKRAV RRLRTACERA KRTLSSSTQA SLEIDSLFEG IDFYTSITRA RFEELCSDLF RSTLEPVEKA LRDAKLDKAQ IHDLVLVGGS TRIPKVQKLL QDFFNGRDNL KSINPDEAVA YGA AVQAAIL MGDKSENVQD LLLLDVAPLS LGLETAGGVM TALIKRNSTI PTKQTQIFTT YSDNQPGVLI QVYEGERAMT RDNLLGRFE LSGIPPAPRG VPQIEVTFDI DANGILNVTA TDKSTGKANK ITITNDKGRL SKEEIERMVQ EAEKYKAEDE VQRERVSARK ALESYAFNMK SAVEDEGLKG KISEADKKKV LDKCQEVISW LDANTLAEKD EFEHKKRKELE QVCNPIISRL YQGAGGPGAG GFGAQGPCKG SSGSPTIEEV D
Applicable Applications for HSPA1B recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Asp641
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.9
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-0.5 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	73853769
NCBI GeneID	282254
NCBI Accession #	NP_976067.2
NCBI GenBank Nucleotide #	NM_203322.2
UniProt Accession #	Q27965; Q28122; Q3ZBV7
Molecular Weight	Predicted Molecular Mass: 71.5kDa Accurate Molecular Mass: 70kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	heat shock 70 kDa protein 1B
NCBI Official Symbol	HSPA1A
NCBI Official Synonym Symbols	HSPA2; HSPA1B; HSP70-2
NCBI Protein Information	heat shock 70 kDa protein 1B; HSP70.2; chaperone; heat shock 70 kD protein 2; 70 kda heat shock protein-2; heat shock 70 kDa protein 2; heat shock 70kDa protein 1B; heat-shock 70-kilodalton protein 1B
UniProt Protein Name	Heat shock 70 kDa protein 1B
UniProt Gene Name	HSPA1B
UniProt Synonym Gene Names	HSP70-2; HSP70.2
UniProt Entry Name	HS71B_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hspa1b-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134394>