

Heat Shock 70kDa Protein 4 (HSPA4) Recombinant Protein | HSPA4 recombinant protein

Recombinant Heat Shock 70kDa Protein 4 (HSPA4)

CATALOG # AAA135483	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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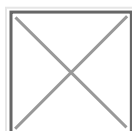
PRODUCT SYNONYMS

Heat Shock 70kDa Protein 4 (HSPA4); Recombinant Heat Shock 70kDa Protein 4 (HSPA4); HSPA4 recombinant protein

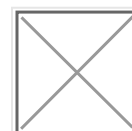
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGS-SKIR ALLRLSQECE KLKKLMSANA SDLPLSIECF MNDVDVSGTM NRGKFLEMCN DLLARVEPPL RSVLEQTKLK KEDIYAVEIV GGATRIPAVK EKISKFFGKE LSTTLNADEA VTRGCALQCA ILSPAFAKRE FSITDVVPYP ISLRWNPAE EGSSDCEVFS KNHAAPFSKV LTFYRKPEFT LEAYYSSPQD LPYPDPAIAQ FSVQKVTPQS DGSSSKVKVK VRVNVHGIFS VSSASLVEVH KSEENEEPME
Sequence Length	840
Applicable Applications for HSPA4 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Ser258~Glu511 (Accession # P34932) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Cytoplasm
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	7.1
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	38327039
NCBI GeneID	3308
NCBI Accession #	NP_002145.3
NCBI GenBank Nucleotide #	NM_002154.3
UniProt Accession #	P34932; O95756; Q2TAL4
Molecular Weight	31.7kDa
NCBI Official Full Name	heat shock 70 kDa protein 4
NCBI Official Synonym Full Names	heat shock 70kDa protein 4
NCBI Official Symbol	HSPA4
NCBI Official Synonym Symbols	RY; APG-2; HSPH2; hsp70; hsp70RY; HS24/P52
NCBI Protein Information	heat shock 70 kDa protein 4; hsp70 RY; heat shock 70kD protein 4; heat shock protein, 110 kDa; heat shock 70-related protein APG-2
UniProt Protein Name	Heat shock 70 kDa protein 4
UniProt Gene Name	HSPA4
UniProt Synonym Gene Names	APG2
UniProt Entry Name	HSP74_HUMAN

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/hspa4-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135483>