

Heat Shock 70kDa Protein 9 (HSPA9) Recombinant Protein | HSPA9 recombinant protein

Recombinant Heat Shock 70kDa Protein 9 (HSPA9)

CATALOG # AAA135596	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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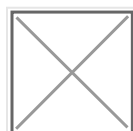
PRODUCT SYNONYMS

Heat Shock 70kDa Protein 9 (HSPA9); Recombinant Heat Shock 70kDa Protein 9 (HSPA9); HSPA9 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH 8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-SC VAVMEGKQAK VLENAEGART TPSVVAFTAD GERLVGMMPAK RQAVTNPNT FYATKRLIGR RYDDPEVQKD IKNVPFKIVR ASNGDAWVEA HGKLYSPSQI GAFVLMKMKE TAENYLGHTA KNAVITVPAY FNDSQRQATK DAGQISGLNV LRVINEPTAA ALAYGLDKSE DKVIAVYDLG GGTDFISILE IQKGVFEVKS TNGDTFLGGE DFDQALLRHI VKEFKRETGV DLTKDNMALQ RVREA
Sequence Length	679
Applicable Applications for HSPA9 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Ser65~Ala311 (Accession # P38646) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Mitochondrion. Nucleus, nucleolus
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	7.9
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

NCBI AND UNIPROT INFORMATION

NCBI GI #	24234688
NCBI GeneID	3313
NCBI Accession #	NP_004125.3
NCBI GenBank Nucleotide #	NM_004134.6
UniProt Accession #	P38646; P30036; P31932; Q1HB43; Q53H23; Q6GU03; Q9BWB7; Q9UC56; B2RCM1
Molecular Weight	30.8kDa
NCBI Official Full Name	stress-70 protein, mitochondrial
NCBI Official Synonym Full Names	heat shock 70kDa protein 9 (mortalin)
NCBI Official Symbol	HSPA9
NCBI Official Synonym Symbols	CSA; MOT; MOT2; GRP75; PBP74; GRP-75; HSPA9B; MTHSP75
NCBI Protein Information	stress-70 protein, mitochondrial; mortalin-2; p66-mortalin; mortalin, perinuclear; heat shock 70kD protein 9B; peptide-binding protein 74; 75 kDa glucose-regulated protein
UniProt Protein Name	Stress-70 protein, mitochondrial
UniProt Gene Name	HSPA9
UniProt Synonym Gene Names	GRP75; HSPA9B; mt-HSP70; GRP-75; MOT; PBP74
UniProt Entry Name	GRP75_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/hspa9-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135596>