

Heat Shock Protein 90kDa Alpha A1 (HSP90aA1) Recombinant Protein | HSP90aA1 recombinant protein

Recombinant Heat Shock Protein 90kDa Alpha A1 (HSP90aA1)

CATALOG #	HOST	APPLICATIONS
AAA134652	E Coli	Immunoprecipitation, ELISA, Western Blot, SDS-Page

PRODUCT SYNONYMS

Heat Shock Protein 90kDa Alpha A1 (HSP90aA1); Recombinant Heat Shock Protein 90kDa Alpha A1 (HSP90aA1); HSP90aA1 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	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHS GS-MPEE TQTQDQPMEE EEVETFAFQA EIAQLMSLII NTFYSNKEIF LRELISNSSD ALDKIRYESL TDPSKLD SGK ELHINLIPNK QDRTLIVDT GIGMTKADLI NNLGTIAKSG TKAFMEALQA GADISMIGQF GVGFYSAYLV AEKVTVITKH NDDEQYAWES SAGGSFTVRT DTGEPMGRGT KVILHLKEDQ TEYLEERRIK EIVKKHSQFI GYPITLFEK ERDKEVSDDE AEEKEDKEEE KEKEEKESED KPEIEDVGSD EEEEEKDGDK KKKKKIKEKY IDQEELNKT PIWTRNPDDI TNEEYGEFYK SLTNDWEDHL AVKHFSVEGQ LEFRALLFVP RRAPFDLFEN RKKKNNIKLY VRRVFIMDNC EELIPEYLNF IRGVVDS EDL PLNISREMLQ QSKILKVIRK NLVKKCLELF TELAEDKENY KKFYEQFSKN IKLGIHEDSQ NRKKLSELLR YYTSASGDEM VSLKDYCTRM KENQKHIYYI TGETKDQVAN SAFVERLRKH GLEVIYMIEP IDEYCVQQLK EFEGKTLVSV TKEGLELPED EEEEKKQEEK KTKFENLCKI MKDILEKKVE KVVVSNRLVT SPCCIVTSTY GWTANMERIM KAQALRDNST MGYMAAKKHL EINPDHSIE TLRQKAEADK NDKSVKDLVI LLYETALLSS GFSLEDPQTH ANRIYRMILK GLGIDEDDPT ADDTSAAVTE EMPPLEGDDD TSRMEEVD
Sequence Length	854
Applicable Applications for HSP90aA1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Met1-Asp732 (Accession # P07900) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
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 target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES

Application Data



Sequence



SDS-PAGE



NCBI AND UNIPROT INFORMATION

NCBI GI #	153792590
NCBI GeneID	3320
NCBI Accession #	NP_001017963.2
NCBI GenBank Nucleotide #	NM_001017963.2
UniProt Accession #	P07900; Q2PP14; Q5CAQ6; Q5CAQ7; Q9BVQ5; A8K500; B3KPJ9
Molecular Weight	85.9kDa
NCBI Official Full Name	heat shock protein HSP 90-alpha isoform 1
NCBI Official Synonym Full Names	heat shock protein 90kDa alpha (cytosolic), class A member 1
NCBI Official Symbol	HSP90AA1
NCBI Official Synonym Symbols	EL52; HSPN; LAP2; HSP86; HSPC1; HSPCA; Hsp89; Hsp90; HSP89A; HSP90A; HSP90N; HSPCAL1; HSPCAL4
NCBI Protein Information	heat shock protein HSP 90-alpha; HSP 86; heat shock 86 kDa; heat shock 90kD protein 1, alpha; heat shock 90kDa protein 1, alpha; renal carcinoma antigen NY-REN-38; heat shock 90kD protein, alpha-like 4; epididymis luminal secretory protein 52; heat shock 90kD protein 1, alpha-like 4
UniProt Protein Name	Heat shock protein HSP 90-alpha
UniProt Gene Name	HSP90AA1
UniProt Synonym Gene Names	HSP90A; HSPC1; HSPCA; HSP 86; HSP86
UniProt Entry Name	HS90A_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.