

HSP 90 recombinant protein

HSP 90, 1-732aa, Human, His tag, E Coli

CATALOG # AAA48440	HOST E Coli	APPLICATIONS SDS-Page
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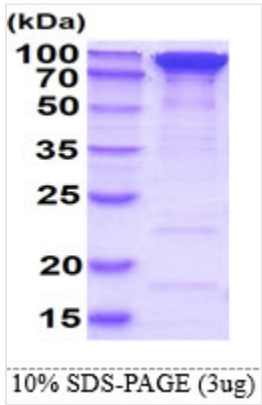
PRODUCT SYNONYMS

HSP 90; 1-732aa; Human; His tag; E Coli; Heat shock protein HSP 90-alpha; HSP 86; Renal carcinoma antigen NY-REN-38; HSPC1; HSPCA; Heat shock protein 90-alpha Renal carcinoma antigen NY REN 38; D6S182; FLJ26984; FLJ31884; Heat shock 90kDa protein 1 alpha; heat shock protein 90kDa alpha (cytosolic); class A member 2; HSP84; HSP86; Hsp89; HSP89A; Hsp90; HSP90A; HSP90AA1; HSP90ALPHA; HSP90N; HSPCAL3; HSPCB; HSPN; LAP2; Lipopolysaccharide associated protein2; LPS associated protein 2; NY REN 38 antigen; hsp90; HSP 90 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. 20 mM Tris-HCl, pH 7.4, containing 100 mM NaCl
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MPEETQTQDQ PMEEEEVETF AFQAEIAQLM SLIINTFYSN KEIFLRELIS NSSDALDKIR YESLTDPSKL DSGKELHINL IPNKQDRTL TIVDTGIGMTK ADLINNLGTI AKSGTKAFME ALQAGADISM IGQFGVGFYS AYLVAEKVTI ITKHNDDEQY AWESSAGGSF TVRTDTGEPM GRGTVILHL KEDQTEYLEE RRIKEIVKKH SQFIGYPITL FVEKERDKEV SDDEAEEKED KEEKEKEEEK ESEDKPEIED VGSDEEEKK DGDKKKKKKI KEKYIDQEEL NKTKPIWTRN PDDITNEEYG EFYKSLTNDW EDHLAVKHFS VEGQLEFRAL LFVPRRAPFD LFENRKKKNN IKLYVRRVFI MDNCEELIPE YLNFIRGVVD SEDLPLNISR EMLQQSKILK VIRKNLVKKC LELFTELAED KENYKKFYEQ FSKNIKLGHI EDSQNRKKLS ELLRYYTSAS GDEMVS LKDY CTRMKENQKH IYYITGETKD QVANSAFVER LRKHGLEVIY MIEPIDEYCV QQLKEFEGKT LVSVTKEGLE LPEDEEEKKK QEEKKTKFEN LCKIMKDILE KKVEKVVVSN RLVTSPPCIV TSTYGWTANM ERIMKAQALR DNSTMGYMAA KKHLEINPDH SIETLRQKA EADKNDKSVK DLVILLYETA LLSSGFSLED PQTHANRIYR MIKLG LGIDE DDPTADDTSA AVTEEMPPLE GDDDTSRMEE VD
Sequence Length	732
Applicable Applications for HSP 90 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HSP 90 recombinant protein	HSP 90 is a human heat shock protein. In response to adverse change in their environment, cell from all organisms increase the expression of a class of proteins referred to as heat shock or stress protein. The Hsp90, a highly conserved stress-induced protein, is abundantly expressed in most tissues under nonstress conditions and is required for eukaryotic cell viability. Hsp90 is primarily a cytoplasmic protein and its function remains unknown. It exists in a dimeric form and has been observed to bind to several other cellular proteins such as retro-virus kinases, steroid receptor, heme-regulated protein kinase, actin and tubulin. Recombinant human Hsp90 alpha, fused to His-tag at N-terminus, was cloned into an E. coli expression vector and was purified to apparent homogeneity by using conventional column chromatography techniques.
Product Categories/Family for HSP 90 recombinant protein	Heat Shock Proteins
References	Lai, B-T., et al. (1984) Molecular & Cellular Biol. 4: 2802-2810.; Pritchard, K. A., et al. (2001) J. Biol. Chem. 276:17621-17624; Miyamoto, A., et al. (2002) Nature 416:865-869;

NCBI AND UNIPROT INFORMATION

NCBI GI #	154146191
NCBI GeneID	3320
NCBI Accession #	NP_005339
NCBI GenBank Nucleotide #	NM_005348.3
UniProt Accession #	P07900; Q2PP14; Q5CAQ6; Q5CAQ7; Q9BVQ5; A8K500; B3KPJ9
Molecular Weight	86.8kDa (752aa), confirmed by MALDI-TOF.
NCBI Official Full Name	heat shock protein HSP 90-alpha isoform 2
NCBI Official Synonym Full Names	heat shock protein 90 alpha family class A member 1
NCBI Official Symbol	HSP90AA1
NCBI Official Synonym Symbols	EL52; HSPN; LAP2; HSP86; HSPC1; HSPCA; Hsp89; Hsp90; LAP-2; HSP89A; HSP90A; HSP90N; Hsp103; HSPCAL1; HSPCAL4; HEL-S-65p
NCBI Protein Information	heat shock protein HSP 90-alpha
UniProt Protein Name	Heat shock protein HSP 90-alpha
UniProt Gene Name	HSP90AA1
UniProt Synonym Gene Names	HSP90A; HSPC1; HSPCA; HSP 86; HSP86; LAP-2; LPS-associated protein 2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hsp90aa1-recombinant-protein-e-coli-sds-page/48440>