

## Product datasheet for SA6029X

### HSP90AA1 / HSP90 alpha (1-732, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	HSP90AA1 / HSP90 alpha (1-732, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MPEETQTQDQ PMEEEEVETF AFQAEIAQLM SLIINTFYSN KEIFLRELIS NSSDALDKIR YESLTDPSKL DSGKELHINL IPNKQDRTL IVDTGIGMTK ADLNNLGTI AKSGTKAFME ALQAGADISM IGQFGVGFYS AYLVAEKVTV ITKHNDDEQY AWESSAGGSF TVRTDTGPEM GRGTKVILHL KEDQTEYLEE RRIKEIVKKH SQFIGYPITL FVEKERDKEV SDDEAEEKED KEEEEKEEEK ESEDKPEIED VGSDEEEEEK DGDKKKKKKI KEKYIDQEEL NKTPIWTRN PDDITNEEYG EFYKSLTNDW EDHLAVKHFS VEGQLEFRAL LFPVRRAPFD LFENRKKKNN IKLYVRRVFI MDNCEELIPE YLNFIRGVVD SEDLPLNISR EMLQQSKILK VIRKNLVKKC LELFTELAED KENYKKFYEQ FSKNIKLGIIH EDSQNRKLS ELLRYTSAS GDEMVSCLKDY CTRMKENQKH IYYITGETKD QVANSADFVER LRKHGLEVIY MIEPIDEYCV QQLKEFEGKT LVSVTKEGLE LPEDEEEKKK QEEKTKFEN LCKIMKDILE KKVEKVVVSN RLVTSPPCIV TSTYGWTANM ERIMKAQALR DNSTMGYMAA KKHLEINPDH SIETLRQKA EADKNDKSVK DLVILLYETA LSSGFSLEDPPQTHANRIYR MIKLGGLGIDE DDPTADD TSA AVTEEMPPLE GDDDTSRMEE VD
Tag:	His-tag
Predicted MW:	86.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl, pH 7.4, containing 100 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant Human Hsp90 alpha, fused to His-tag at N-terminus, was cloned into an <i>E. coli</i> expression vector and was purified to apparent homogeneity by using conventional column chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.



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Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001017963</a>
Locus ID:	3320
UniProt ID:	<a href="#">P07900</a> , <a href="#">Q86SX1</a>
Cytogenetics:	14q32.31
Synonyms:	EL52; HEL-S-65p; HSP86; Hsp89; HSP89A; Hsp90; HSP90A; HSP90N; Hsp103; HSPC1; HSPCA; HSPCAL1; HSPCAL4; HSPN; LAP-2; LAP2
Summary:	The protein encoded by this gene is an inducible molecular chaperone that functions as a homodimer. The encoded protein aids in the proper folding of specific target proteins by use of an ATPase activity that is modulated by co-chaperones. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]
Protein Families:	Druggable Genome
Protein Pathways:	Antigen processing and presentation, NOD-like receptor signaling pathway, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer

### Product images:

