

Recombinant Mouse Hsp90aa1 protein, His-tagged

Cat. No. Hsp90aa1-32M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hsp90aa1(2-733 aa) fused with His tag at was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	2-733 a.a.
Description	Hsp90aa1 played an important role in many functions.
Form	Tris-based buffer,50% glycerol
AA Sequence	PEETQTQDQ PMEEEEVETF AFQAEIAQLM SLIINTFYSN KEIFLRELIS NSSDALDKIR YESLTDPSKL DSGKELHINL IPSKQDRTLTLT IVDTGIGMTK ADLINNLGTI AKSGTKAFME ALQAGADISM IGQFGVGFYS AYLVAEKVTV ITKHNDDEQY AWESSAGGSF TVRTDTGEPM GRGTVKVLHL KEDQTEYLEE RRIKEIVKKH SQFIGYPITL FVEKERDKEV SDDEAEEKEE KEEKEKEEEK ESDDKPEIED VGSDEEEEEK KDGDKKKKKK IKEKYIDQEE LNKTKPIWTR NPDDITNEEY GEFYKSLTND WEEHLAVKHF SVEGQLEFRA LLFVPRRAPF DLFENRKKKN NIKLYVRRVF IMDNCEELIP EYLNFIKRVV DSEDLPNLIS REMLQQSKIL KVIRKNLVKK CLELFTELAE DKENYKKFYE QFSKNIKLGI HEDSQNRKKL SELLRYTSA SGDEMVS LKD YCTRMKENQK HIYFITGETK DQVANS AFVE RLRKHGLEVI YMIEPIDEYC VQQLKEFEGK TLVSVTKEGL ELPEDEEEKK KQEEKKTKFE NLCKIMKDIL EKKVEKVVVS NRLVTSPCCI

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VTSTYGWTAN MERIMKAQAL RDNSTMGYMA AKKHLEINPD HSIETLRQK
AEADKNDKSV KDLVILLYET ALLSSGFSLE DPQTHANRIY RMIKLGLGID
EDDPTVDDTS AAVTEEMPPL EGDDDTSRME EVD

Purity >90% (SDS-PAGE)

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage Store at -20 centigrade, for extended storage, conserve at -20 centigrade or -80 centigrade.

GENE INFORMATION

Gene Name [Hsp90aa1 heat shock protein 90, alpha \(cytosolic\), class A member 1 \[Mus musculus \]](#)

Official Symbol [Hsp90aa1](#)

Synonyms HSP90AA1; heat shock protein 90, alpha (cytosolic), class A member 1; heat shock protein HSP 90-alpha; TSTA; HSP86; HSP 86; heat shock 86 kDa; heat shock protein, 1; heat shock protein, 89 kDa; heat shock protein 1, alpha; heat shock protein, 86 kDa 1; tumor-specific transplantation 86 kDa antigen; heat shock protein 90kDa alpha (cytosolic), class A member 1; hsp4; 86kDa; 89kDa; Hsp89; Hsp90; Hspca; Hsp86-1; AL024080; AL024147;

Gene ID [15519](#)

mRNA Refseq [NM_010480](#)

Protein Refseq [NP_034610](#)

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MIM	
UniProt ID	P07901
Chromosome Location	12 F1; 12 60.75 Cm
Pathway	Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Axon guidance, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem; Developmental Biology, organism-specific biosystem;
Function	ATP binding; ATPase activity; CTP binding; GTP binding; TPR domain binding; UTP binding; dATP binding; identical protein binding; ion channel binding; mRNA binding; nitric-oxide synthase regulator activity; nitric-oxide synthase regulator activity; nucleotide binding; protein binding; protein homodimerization activity; protein kinase binding; protein phosphatase binding; sulfonylurea receptor binding; unfolded protein binding;