

HSP90 a protein

Catalog No :	YD0045
Reactivity :	Human
Applications :	WB;SDS-PAGE
Gene Name :	HSP90AA1/HSP90AB1
Protein Name :	HSP90 a protein
Sequence :	Amino acid: 1-140, with his-MBP tag.
Human Gene Id :	3320
Human Swiss Prot No :	P07900
Mouse Swiss Prot No :	P07901
Formulation :	Liquid in PBS
Source :	E.coli
Dilution :	WB 1:500-2000
Concentration :	SDS-PAGE >90%
Storage Stability :	-20 °C/6 month,-80 °C for long storage
Background :	caution:Despite classification as a pseudogene, the existence of this protein is supported by unambiguous mass spectrometry evidence.,function:Molecular chaperone.,function:Molecular chaperone. Has ATPase activity.,similarity:Belongs to the heat shock protein 90 family.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Homodimer. Interacts with AHSA1, SMYD3 and TOM34. Interacts with FNIP1 and HSF1.,
Function :	protein folding, protein complex assembly, mitochondrial transport, response to unfolded protein, mitochondrion organization, mitochondrial membrane organization, outer mitochondrial membrane organization, positive regulation of

biosynthetic process, response to organic substance, membrane organization, positive regulation of cellular biosynthetic process, cellular chaperone-mediated protein complex assembly, cellular macromolecular complex subunit organization, cellular macromolecular complex assembly, protein refolding, cellular protein complex assembly, macromolecular complex subunit organization, regulation of nitric oxide biosynthetic process, positive regulation of nitric oxide biosynthetic process, intracellular transport, chaperone-mediated protein complex assembly, positive regulation of nitrogen compound metabolic process, response to protein stimulus, macromolecular complex ass

Subcellular Location :

Nucleus . Cytoplasm . Melanosome . Cell membrane . Mitochondrion . Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

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