

Active Recombinant Human HSP90AB1 Protein, His-tagged

Cat. No. HSP90AB1-071H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant active N-terminal Histidine-tagged full length human Hsp90 β protein (2-724) was purified from E. coli.
Species	Human
Source	E.coli
ProteinLength	2-724
Description	This gene encodes a member of the heat shock protein 90 family; these proteins are involved in signal transduction, protein folding and degradation and morphological evolution. This gene encodes the constitutive form of the cytosolic 90 kDa heat-shock protein and is thought to play a role in gastric apoptosis and inflammation. Alternative splicing results in multiple transcript variants. Pseudogenes have been identified on multiple chromosomes.
Bio-activity	ATPase activity confirmed by ADP detection assay.
Molecular Mass	85 kDa
Purity	≥65% estimated by SDS-PAGE
Stability	≥ 6 months
Storage	At -80 centigrade.

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Storage Buffer 50 mM HEPES, pH 8.0, 150 mM sodium chloride, 1 mM DTT, 20% glycerol

GENE INFORMATION

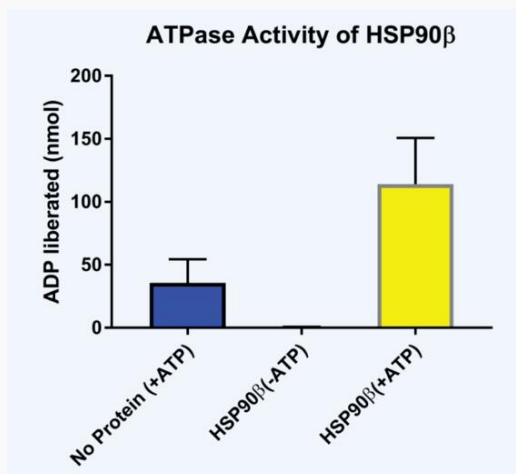
Gene Name	HSP90AB1 heat shock protein 90 alpha family class B member 1 [Homo sapiens (human)]
Official Symbol	HSP90AB1
Synonyms	HSP90AB1; heat shock protein 90 alpha family class B member 1; HSP84; HSPC2; HSPCB; D6S182; HSP90B; heat shock protein HSP 90-beta; HSP90-beta; heat shock 84 kDa; heat shock 90kD protein 1, beta; heat shock protein 90 kDa; heat shock protein 90kDa alpha (cytosolic), class B member 1; heat shock protein 90kDa alpha family class B member 1
Gene ID	3326
mRNA Refseq	NM_007355
Protein Refseq	NP_031381
MIM	140572
UniProt ID	P08238

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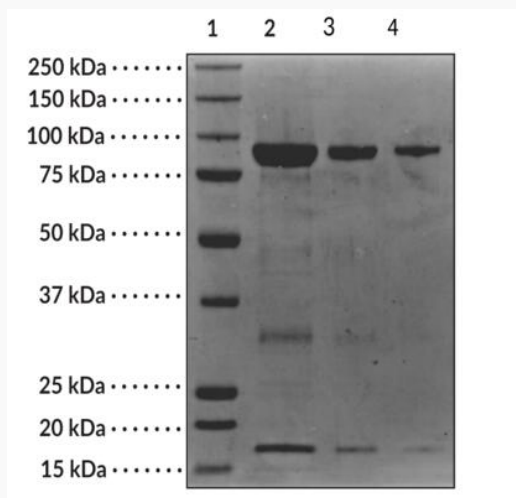
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ATPase Activity of Hsp90 β



SDS-PAGE analysis of Hsp90 β



Lane 1: MW Markers

Lane 2: Hsp90 β (4 μ g)

Lane 3: Hsp90 β (2 μ g)

Lane 4: Hsp90 β (1 μ g)