

Enzymax, LLC
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Lexington, KY 40503

Product Information

Product Name: HSP90 β
Catalog no#: 144
Size: 50 μ g

Order: info@enzymax.net
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Web: www.enzymax.net

Product: Active Hsp90 β , recombinant protein without tag

GeneBank Accession Number:
[BC121062](https://www.ncbi.nlm.nih.gov/nuclot/BC121062)

Product Description: Recombinant full length Human HSP90 beta (amino acids 1-724) without tag: Predicted MWt 90 kDa (NP_031381.2).

Source: Recombinant human HSP90 beta (no tag).

Function: Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function.

Applications: ELISA standard, WB control,

Molecular Weight: 90 kDa

Presentation:

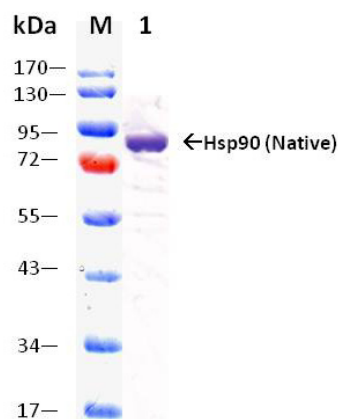
Purified HSP90 in 20 mM Tris-HCl, pH 7.5, 50 mM KCl, 1 mM DTT, 5 mM MgCl₂.

Purity: near homogeneity by SDS-PAGE and Coomassie blue staining.

Storage:

Stable for 2 years at -70°C from date of shipment. Please aliquot to avoid repeated freezing and thawing.

SDS PAGE gel picture:



Purified human HSP90 β protein. The protein (300 ng) was analyzed by electrophoresis on a 12.5% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. The Hsp90 protein band was confirmed by Western blot analysis. Protein size markers are indicated on the left.