

Datasheet for ABIN7490763

HSP90AA1 Protein (AA 2-732) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	HSP90AA1
Protein Characteristics:	AA 2-732
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSP90AA1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human HSP90AA1 protein with N-terminal 6xHis tag
Specificity:	6xHis tag HSP90AA1 (Pro2-Asp732)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	HSP90AA1
Alternative Name:	HSP90AA1 (HSP90AA1 Products)
Background:	The protein encoded by this gene is an inducible molecular chaperone that functions as a

Target Details

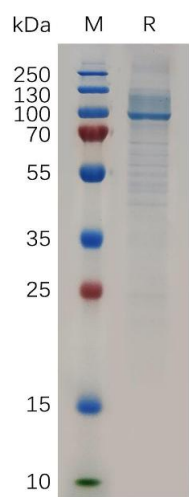
	homodimer. The encoded protein aids in the proper folding of specific target proteins by use of an ATPase activity that is modulated by co-chaperones. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]
Molecular Weight:	predicted molecular mass of 85.4 kDa after removal of the signal peptide. The apparent molecular mass of His-HSP90AA1 is 100-130 kDa due to glycosylation.
UniProt:	P07900
Pathways:	M Phase , Regulation of Cell Size , Signaling Events mediated by VEGFR1 and VEGFR2 , VEGFR1 Specific Signals

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C, -80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human AA1 Protein, N-His Tag on SDS-PAGE under reducing condition.