PRODUCT INFORMATION

Target	HSP90AA1
Synonyms	HSP90AA1;HSP86;LAP-2;HSP90A;HSPC1;HSPCA
Description	Recombinant human HSP90AA1 protein with N-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P07900
Expression Host	HEK293
Tag	N-6×His Tag
Molecular Characterization	6×His tag HSP90AA1(Pro2-Asp732)
Molecular Weight	The protein has a predicted molecular mass of 85.4 kDa after removal of the signal peptide. The apparent molecular mass of His-HSP90AA1 is approximately 100-130 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	The protein encoded by this gene is an inducible molecular chaperone that functions as a 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]
Usage	Research use only
Conjugate	Unconjugated

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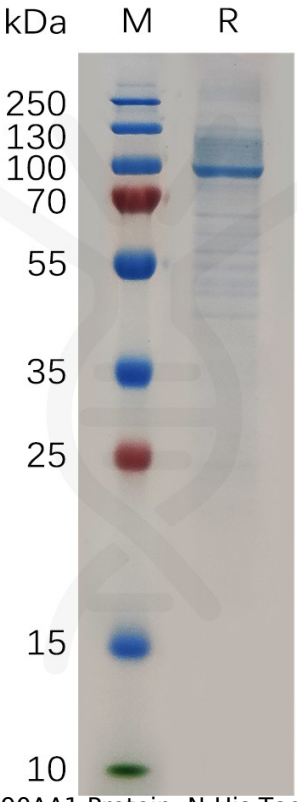


Figure 1. Human HSP90AA1 Protein, N-His Tag on SDS-PAGE under reducing condition.

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