

PRODUCT INFORMATION

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| 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 |



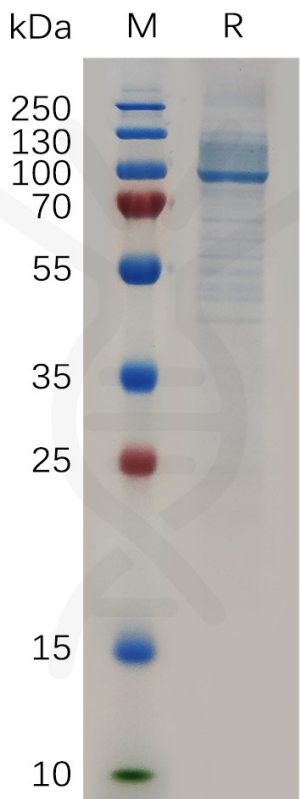


Figure 1. Human HSP90AA1 Protein, N-His Tag on SDS-PAGE under reducing condition.

