HUMAN HSP90AA1 PROTEIN, HIS TAG

Cat.#: 11502

Product Name: Human HSP90AA1 Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: HSP90AA1;HSP86;LAP-2;HSP90A;HSPC1;HSPCA

Target: HSP90AA1

UNIPROT ID: P07900

Description: Recombinant human HSP90AA1 protein with N-terminal 6xHis tag

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]

Species/Host: HEK293

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.

Molecular Characterization: 6×His tag HSP90AA1(Pro2-Asp732)

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

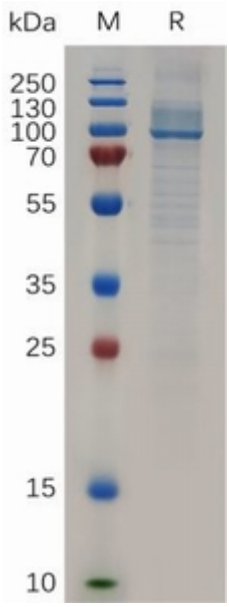

Figure 1. Human HSP90AA1 Protein, N-His Tag on SDS-PAGE under reducing condition.