

HUMAN ANXA1 PROTEIN, HIS TAG

Cat.#: 11548

Product Name: Human ANXA1 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: Annexin A1;p35;ANX1;LPC1

Target: ANXA1

UNIPROT ID: P04083

Description: Recombinant human ANXA1 Protein with C-terminal 6xHis tag

Background: This gene encodes a membrane-localized protein that binds phospholipids. This protein inhibits phospholipase A2 and has anti-inflammatory activity. Loss of function or expression of this gene has been detected in multiple tumors. [provided by RefSeq, Dec 2014]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 39.4 kDa after removal of the signal peptide. The apparent molecular mass of ANXA1-His is approximately 35-40 kDa due to glycosylation.

Molecular Characterization: ANXA1(Ala2-Asn346) 6×His tag

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.

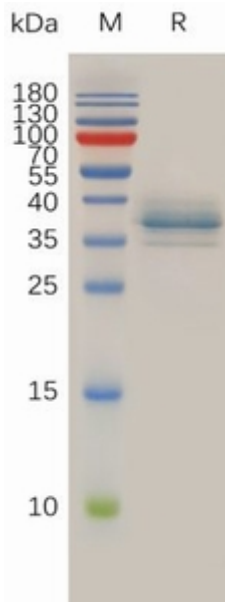


Figure 1. Human ANXA1 Protein, His Tag on SDS-PAGE under reducing condition.