

## 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.

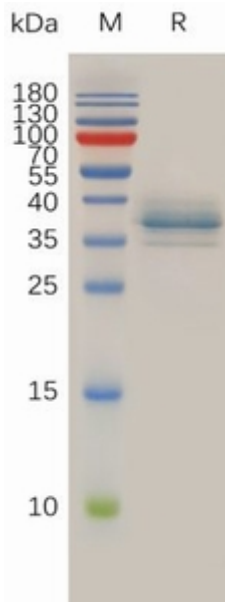


Figure 1. Human ANXA1 Protein, His Tag on SDS-PAGE under reducing condition.