

**HUMAN ANGPTL3 PROTEIN, HIS TAG****Cat.#:** 11327**Product Name:** Human ANGPTL3 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** ANG-5;ANGPT5;ANL3;FHBL2**Target:** ANGPTL3**UNIPROT ID:** Q9Y5C1**Description:** Recombinant human ANGPTL3 protein with C-terminal 6xHis tag**Background:** This gene encodes a member of a family of secreted proteins that function in angiogenesis. The encoded protein, which is expressed predominantly in the liver, is further processed into an N-terminal coiled-coil domain-containing chain and a C-terminal fibrinogen chain. The N-terminal chain is important for lipid metabolism, while the C-terminal chain may be involved in angiogenesis. Mutations in this gene cause familial hypobetalipoproteinemia type 2.**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 24.8 kDa after removal of the signal peptide. The apparent molecular mass of ANGPTL3-His is approximately 25–35 kDa due to glycosylation.**Molecular Characterization:** ANGPTL3(Ser17–Arg221) 6×His tag**Purity:** The purity of the protein is greater than 95% 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.

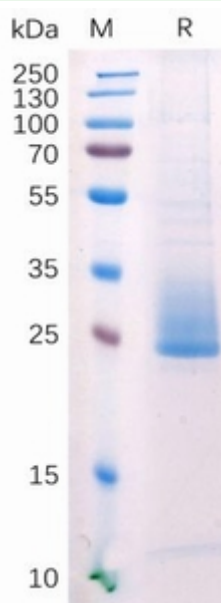


Figure 1. Human ANGPTL3 Protein, His Tag on SDS-PAGE under reducing condition