

PRODUCT INFORMATION

Target	ANGPTL3
Synonyms	ANG-5;ANGPT5;ANL3;FHBL2
Description	Recombinant human ANGPTL3 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9Y5C1
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	ANGPTL3(Ser17-Arg221) 6×His tag
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.
Purity	The purity of the protein is greater than 95% 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	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.
Usage	Research use only



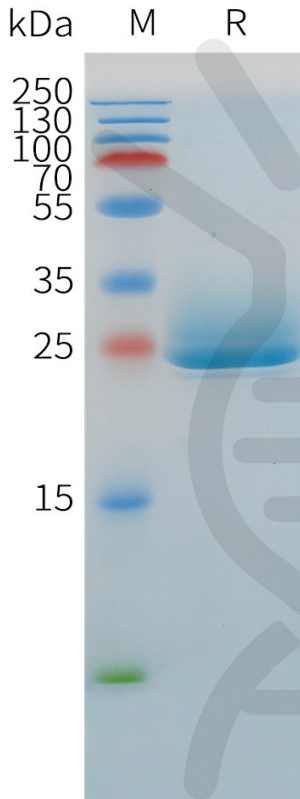


Figure 1. Human ANGPTL3 Protein, His Tag on SDS-PAGE under reducing condition.

Human ANGPTL3, His Tagged protein ELISA

0.2 µg of Human ANGPTL3, His tagged protein per well

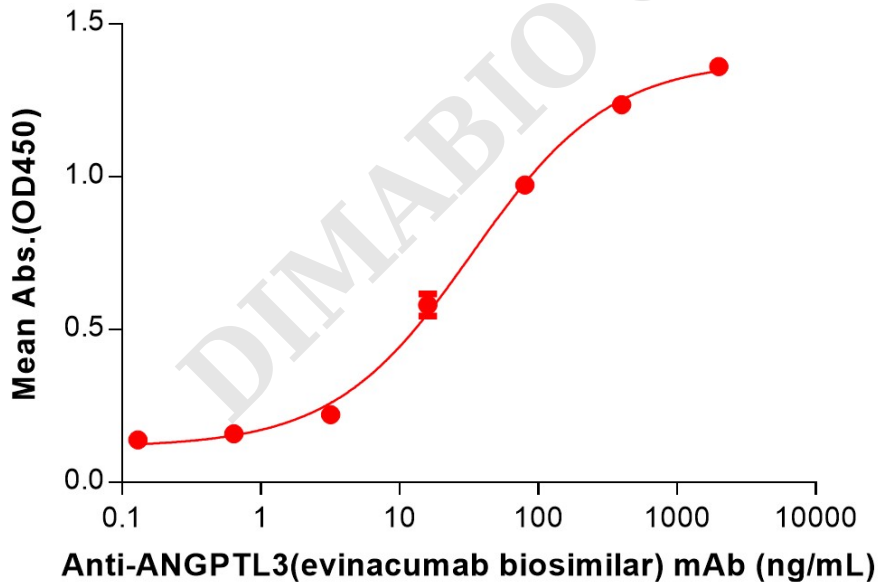


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human ANGPTL3 Protein, His Tag (PME100527) can bind Anti-ANGPTL3(evinacumab biosimilar) mAb (BME100203) in a linear range of 3.20-400 ng/mL.

