

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
Conjugate	Unconjugated



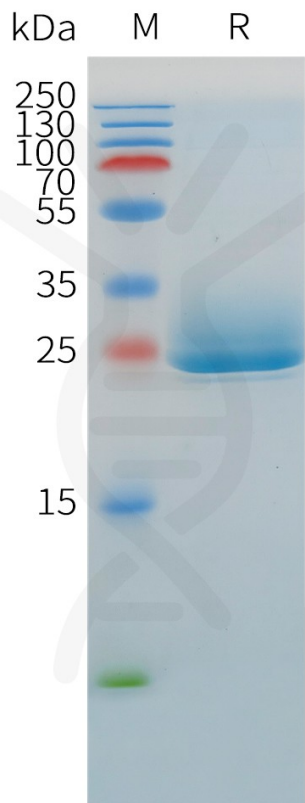


Figure 1. Human ANGPTL3 Protein, His Tag on SDS-PAGE under reducing condition.

Human ANGPTL3, His Tagged protein ELISA
0.2 µg of Human ANGPTL3, His tagged protein per well

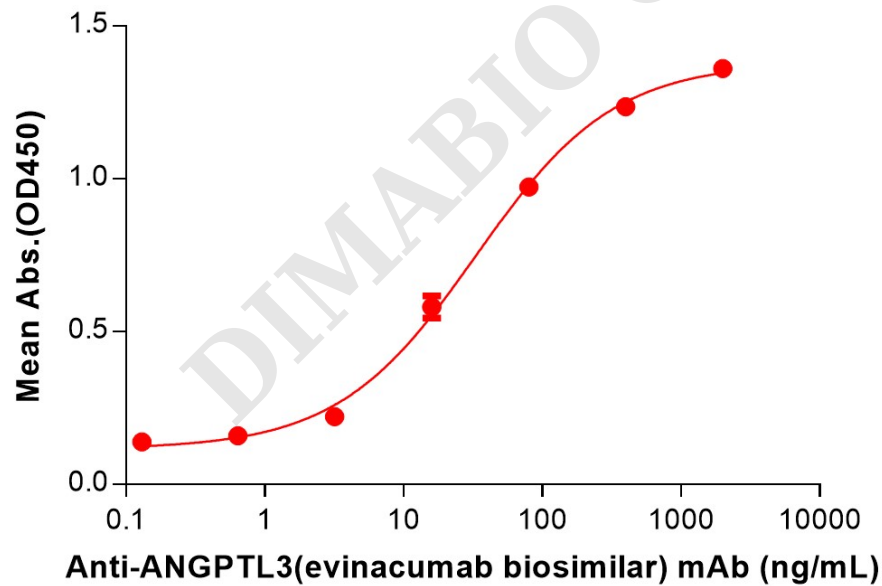


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human ANGPTL3 Protein, His Tag (PME100527) can bind Anti-ANGPTL3(evinacumab biosimilar) mAb (BME100203) in a linear range of 3.20-400 ng/mL.

