

## PRODUCT INFORMATION

<b>Target</b>	ANGPTL3
<b>Synonyms</b>	ANG-5;ANGPT5;ANL3;FHBL2
<b>Description</b>	Recombinant human ANGPTL3 protein with C-terminal 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q9Y5C1
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-6×His Tag
<b>Molecular Characterization</b>	ANGPTL3(Ser17-Arg221) 6×His tag
<b>Molecular Weight</b>	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.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage&amp;Shipping</b>	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.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



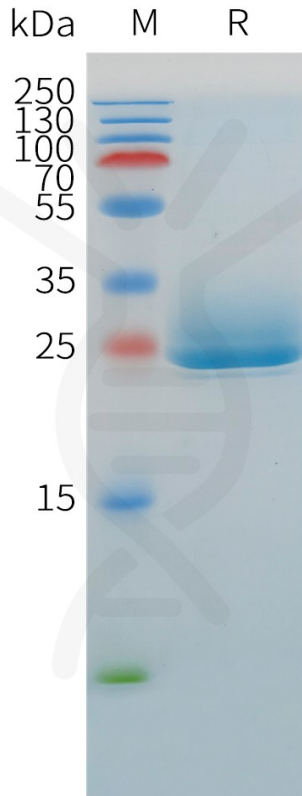


Figure 1. Human ANGPTL3 Protein, His Tag on SDS-PAGE under reducing condition.

### Human ANGPTL3, His Tagged protein ELISA

0.2  $\mu$ g of Human ANGPTL3, His tagged protein per well

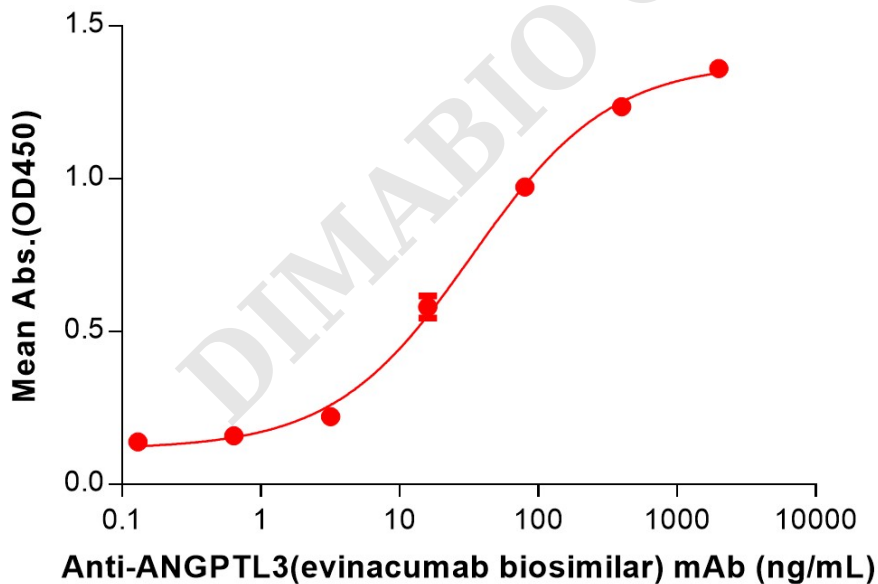


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human ANGPTL3 Protein, His Tag (PME100527) can bind Anti-ANGPTL3 (evinacumab biosimilar) mAb (BME100203) in a linear range of 3.20-400 ng/mL.

