Human ANGPTL3 Protein, His Tag

Cat. No. PME100527

## PRODUCT INFORMATION

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|---|---|
| **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 |

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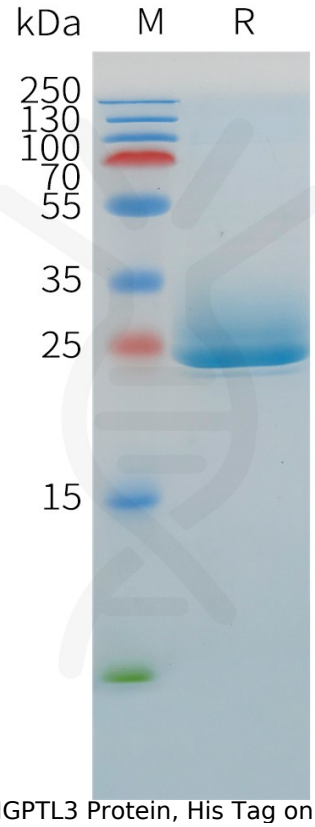



Figure 1. Human ANGPTL3 Protein, His Tag on SDS-PAGE under reducing condition.

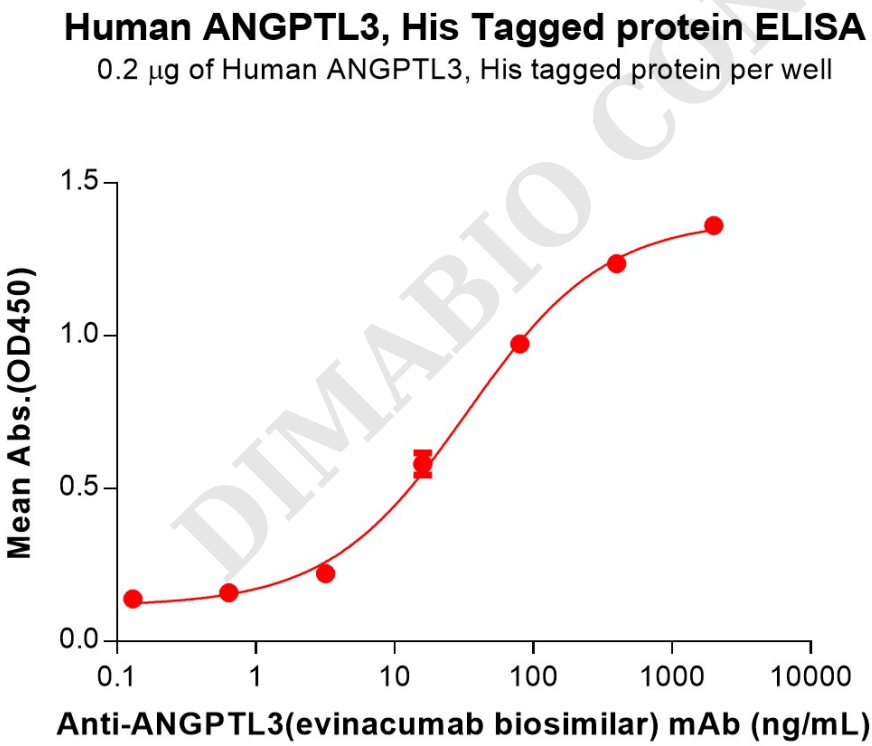



Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human ANGPTL3 Protein, His Tag (PME100527) can bind Anti-ANGPTL3(evinacumab biosimilar) mAb (BME100203) in a linear range of 3.20–400 ng/mL.

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