

Datasheet for ABIN7273834

ANGPTL3 Protein (AA 17-219) (His-Avi Tag)**4** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ANGPTL3
Protein Characteristics:	AA 17-219
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANGPTL3 protein is labelled with His-Avi Tag.

Product Details

Purpose:	Human ANGPTL3/Angiopoietin-like 3 Protein
Sequence:	Ser17-Lys219
Characteristics:	Recombinant Human ANGPTL3/Angiopoietin-like 3 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Ser17-Lys219.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human ANGPTL3, His Tag at 0.5µg/ml (100µl/Well). Dose response curve for Anti-ANGPTL3 Antibody, hFc Tag with the EC50 of 8.2ng/ml determined by ELISA. The affinity constant of 17.6nM as determined in SPR assay (Biacore T200). See testing image for detail.

Target Details

Target:	ANGPTL3
Alternative Name:	ANGPTL3 (ANGPTL3 Products)
Background:	ANGPTL3 is a secreted glycoprotein that is structurally related to the angiopoietins. Mature human ANGPTL3 contains an N-terminal coiled coil domain and a C-terminal fibrinogen-like domain. ANGPTL3 is expressed in the liver from early in development through adulthood. Acts in part as a hepatokine that is involved in regulation of lipid and glucose metabolism. Proposed to play a role in the trafficking of energy substrates to either storage or oxidative tissues in response to food intake.
Molecular Weight:	26.6 kDa. Due to glycosylation, the protein migrates to 30-38 kDa based on Tris-Bis PAGE result.
UniProt:	Q9Y5C1

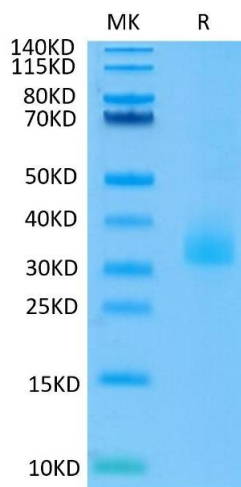
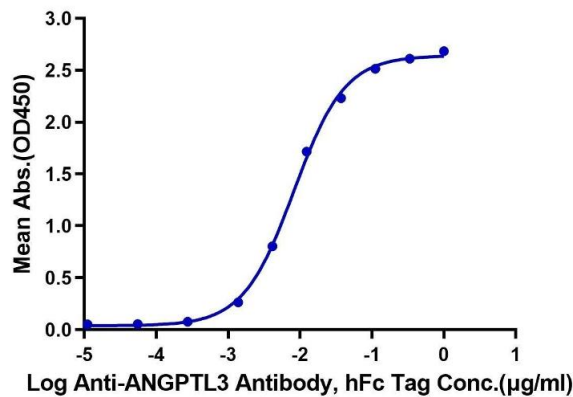
Application Details

Restrictions:	For Research Use only
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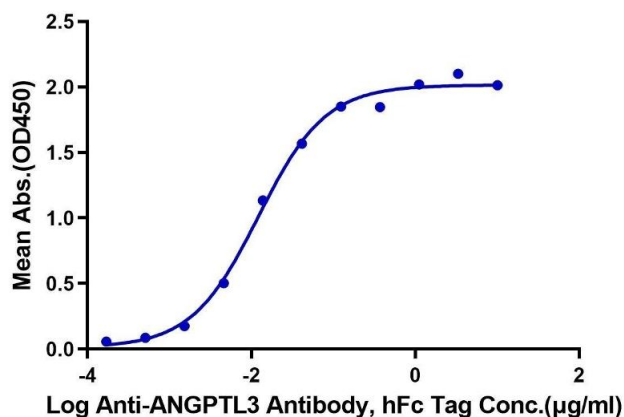
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,-2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Human ANGPTL3, His Tag ELISA
0.05µg Human ANGPTL3, His Tag Per Well



Human ANGPTL3, His Tag ELISA
0.05µg Human ANGPTL3, His Tag Per Well



ELISA

Image 1. Immobilized Human ANGPTL3, His Tag at 0.5 µg/mL (100 µL/Well). Dose response curve for Anti-ANGPTL3 Antibody, hFc Tag with the EC50 of 8.2 ng/mL determined by ELISA.

SDS-PAGE

Image 2. Human ANGPTL3 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95 % .

ELISA

Image 3. Immobilized Human ANGPTL3, His Tag at 0.5 µg/mL (100 µL/Well). Dose response curve for Anti-ANGPTL3 Antibody, hFc Tag with the EC50 of 12.2 ng/mL determined by ELISA.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7273834.