

Datasheet for ABIN6964117

ANGPTL3 Protein (AA 17-221) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	ANGPTL3
Protein Characteristics:	AA 17-221
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANGPTL3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human ANGPTL3 protein with C-terminal 6xHis tag
Specificity:	ANGPTL3 (Ser17-Arg221) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	ANGPTL3
Alternative Name:	ANGPTL3 (ANGPTL3 Products)
Background:	This gene encodes a member of a family of secreted proteins that function in angiogenesis.

Target Details

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.

Molecular Weight: predicted molecular mass of 24.8 kDa after removal of the signal peptide. The apparent molecular mass of ANGPTL3-His is 25-35 kDa due to glycosylation.

Gene ID: 27329

UniProt: [Q9Y5C1](#)

Application Details

Restrictions: For Research Use only

Handling

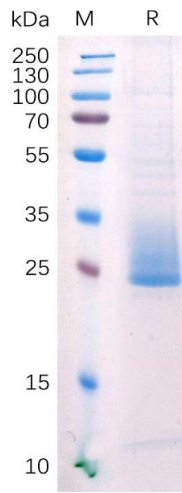
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human ANG Protein, His Tag on SDS-PAGE under reducing condition