

Datasheet for ABIN7319869
ANGPTL3 Protein (Fc Tag)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	ANGPTL3
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANGPTL3 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human Angiopoietin-related Protein 3/ANGPTL3 (C-Fc)
Sequence:	Ser17-Pro220
Characteristics:	Recombinant Human Angiopoietin-related Protein 3 is produced by our Mammalian expression system and the target gene encoding Ser17-Pro220 is expressed with a Fc tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ANGPTL3
Alternative Name:	Angiopoietin-related protein 3 (ANGPTL3 Products)
Background:	Background: Angiopoietin-like 3 (ANGPTL3) is a secreted glycoprotein that is structurally related to the angiopoietins. Mature human ANGPTL3 contains an N-terminal coiled coil

Target Details

domain and a C-terminal fibrinogen-like domain. ANGPTL3 is expressed in the liver from early in development through adulthood. Full length ANGPTL3 circulates in the plasma as do the proteolytically separated N-and C-terminal segments containing the coiled coil domain and fibrinogen-like domains, respectively. ANGPTL3 directly inhibits lipoprotein lipase (LPL) and endothelial lipase (EL), enzymes responsible for hydrolyzing circulating triglycerides and HDL phospholipids. ANGPTL3 promotes an increase in circulating triglyceride levels without altering VLDL or HDL secretion or uptake. ANGPTL3 expression in vivo is up-regulated by LXR agonists and down-regulated by insulin, leptin, and agonists of TR β or PPAR β .

Synonym: Angiopoietin-related protein 3, ANGPTL3, Angiopoietin-5, ANG-5, Angiopoietin-like protein 3, ANGPT5

Molecular Weight: 50.7 kDa

UniProt: [Q9Y5C1](#)

Application Details

Comment: 60-70 kDa

Restrictions: For Research Use only

Handling

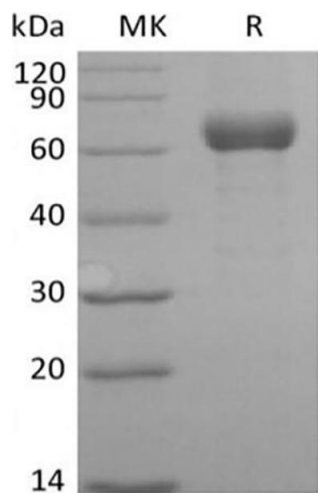
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 μ m filtered solution of PBS, 5 % Trehalose, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.