antibodies

Datasheet for ABIN2180588 ANGPTL3 Protein (AA 17-220) (His tag)

2 Images



Overview

Quantity:	100 µg
Target:	ANGPTL3
Protein Characteristics:	AA 17-220
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANGPTL3 protein is labelled with His tag.

Product Details

Alternative Name:

Sequence:	AA 17-220
Characteristics:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 24.6 kDa. The protein migrates as 26-38 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>95 % as determined by reduced SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1.0 EU per μg by the LAL method.
Target Details	
Target:	ANGPTL3

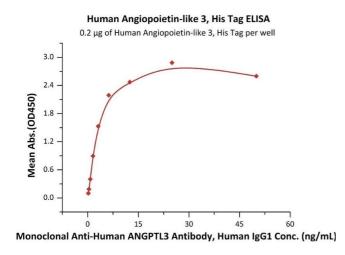
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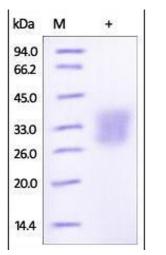
Angiopoietin-Like 3 (ANGPTL3 Products)

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Target D	Details
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Background:	Angiopoietin-like protein 3 (ANGPTL3) is also known as Angiopoietin-related protein 3,
	Angiopoietin-5 (ANGPT5 / ANG-5), is a member of the angiopoietin-like family of secreted
	factors. ANGPTL3 / ANGPT5 is predominantly expressed in the liver, and has the characteristic
	structure of angiopoietins, consisting of a signal peptide, N-terminal coiled-coil domain and the
	C-terminal fibrinogen (FBN)-like domain. The FBN-like domain in angiopoietin-like 3 protein was
	shown to bind alpha-5/beta-3 integrins, and this binding induced endothelial cell adhesion and
	migration. This protein may also play a role in the regulation of angiogenesis. Angptl3 also acts
	as dual inhibitor of lipoprotein lipase (LPL) and endothelial lipase (EL), and increases plasma
	triglyceride and HDL cholesterol in rodents. ANGPTL3 inhibit endothelial lipase to catalyze HDL-
	phospholipid and increase HDL-PL levels. Circulating PL-riched HDL particles have high
	cholesterol efflux abilities.
Molecular Weight:	24.6 kDa
NCBI Accession:	NP_055310
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).





ELISA

Image 1. Immobilized Human Angiopoie 3, His Tag (ABIN2180589,ABIN2180588) at 2 μ g/mL (100 μ L/well) can bind Monoclonal A ANGPTL3 Antibody, Human IgG1 with a linear range of 0.2-6 ng/mL (QC tested).

SDS-PAGE

Image 2.

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