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Datasheet for ABIN7454073
ANGPTL3 Protein (AA 17-460) (His tag)

Overview

Quantity:	100 µg
Target:	ANGPTL3
Protein Characteristics:	AA 17-460
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANGPTL3 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus ANGPTL3/Angiopoietin-like 3 Protein
Sequence:	Ser17-Glu460
Characteristics:	Recombinant Cynomolgus ANGPTL3/Angiopoietin-like 3 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Ser17-Glu460.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Cynomolgus ANGPTL3, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-ANGPTL3 Antibody, hFc Tag with the EC50 of 10.1ng/ml determined by ELISA. 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:	52.86 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
UniProt:	A0A2K5JDC5

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