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Datasheet for ABIN7519676
ANGPTL3 Protein (His tag)

Overview

Quantity:	10 µg
Target:	ANGPTL3
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 Angiotensin-like 3/ANGPTL3 Protein
Sequence:	SRIDQDNSSF DSLSPEPKSR FAMLDDVKIL ANGLLQLGHG LKDFVHKTKG QINDIFQKLN IFDQSFYDLS LQTSEIKEEE KELRRTTYKL QVKNEEVKNM SLELNSKLES LLEEKILLQQ KVKYLEEQLT NLIQNQPETP EHPEVTSKLT FVEKQDNSIK DLLQTVEDQY KQLNQQHSQI KEIENQLRRT SIQEPTEISL SSKP
Specificity:	Ser17-Pro220
Purity:	> 90 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.

Target Details

Target:	ANGPTL3
Alternative Name:	Angiotensin-like 3/ANGPTL3 (ANGPTL3 Products)

Target Details

Background: Description: Angiopoietin-like protein 3 (ANGPTL3) also known as Angiopoietin-related protein 3, Angiopoietin-5 (ANG-5) is a secreted glycoprotein that is structurally related to the angiopoietins. Human ANGPTL3 contains an N-terminal coiled coil domain and a C-terminal fibrinogen-like domain. The fibrinogen C-terminal domain is sufficient to mediate endothelial cell adhesion. ANGPTL3 is principally expressed in the liver and can exert activities related to both angiogenesis and lipid metabolism. ANGPTL3 directly inhibits lipoprotein lipase (LPL) and endothelial lipase (EL), enzymes responsible for hydrolyzing circulating triglycerides and HDL phospholipids.

Name: ANG-5, ANGPT5, ANL3, FHBL2, ANGPTL3, ANGPT5, ANL3, FHBL2

Gene ID: 27329

UniProt: [Q9Y5C1](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C, -80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.