

Datasheet for ABIN7566023

ANGPTL3 Protein (AA 224-460, Fibrinogen-like Domain) (DYKDDDDK Tag)



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	ANGPTL3
Protein Characteristics:	AA 224-460, Fibrinogen-like Domain
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANGPTL3 protein is labelled with DYKDDDDK Tag.

Product Details

Purpose:	ANGPTL3 (fibrinogen-like domain) (human) (rec.)
Cross-Reactivity:	Human
Characteristics:	Fibrinogen-like domain of human ANGPTL3 (aa 224-460) is fused at the N-terminus to a DYKDDDDK Tag.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test).

Target Details

Target:	ANGPTL3
Alternative Name:	ANGPTL3 (ANGPTL3 Products)
Background:	Angiopoietin-like Protein 3, Angiopoietin-5, ANG-5

Target Details

ANGPTL3 (Angiopoietin-like protein 3) regulates angiogenesis and also directly regulates lipid, glucose and energy metabolism. Angiopoietin-like 3 (ANGPTL3) is a regulator of plasma triglyceride (TRG) levels due to its inhibitory action on the activity of lipoprotein lipase (LPL). ANGPTL3 induces angiogenesis by binding to integrin α v β 3. ANGPTL3 is predominantly produced in the liver and can therefore be classified as a hepatokine. In the human plasma, ANGPTL3 is cleaved to release two fragments: a N-terminal coiled-coil domain-containing fragment (aa17-207) important for inhibiting the lipolysis of triglyceride and the C-terminal fibrinogen-like domain-containing fragment (aa208-460).

Molecular Weight: ~35-38kDa (SDS-PAGE)

UniProt: [Q9Y5C1](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: After reconstitution: for 10 μ g size: 0.1 mg/mL for 50 μ g size: 1 mg/mL

Concentration: Lot specific

Buffer: Contains PBS.

Handling Advice: After opening, prepare aliquots and store at -20 °C. Avoid freeze/thaw cycles. Centrifuge lyophilized vial before opening and reconstitution. For maximum product recovery after thawing, centrifuge the vial before opening the cap.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C

Long Term Storage: -20°C

Use & Stability: Stable for at least 6 months after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.