

Datasheet for ABIN7273832

ANGPTL4 Protein (AA 164-406) (His tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ANGPTL4
Protein Characteristics:	AA 164-406
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANGPTL4 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus ANGPTL4/Angiopoietin-like 4 Protein
Sequence:	Arg164-Ser406
Characteristics:	Recombinant Cynomolgus ANGPTL4/Angiopoietin-like 4 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Arg164-Ser406.
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.

Target Details

Target:	ANGPTL4
Alternative Name:	ANGPTL4 (ANGPTL4 Products)

Target Details

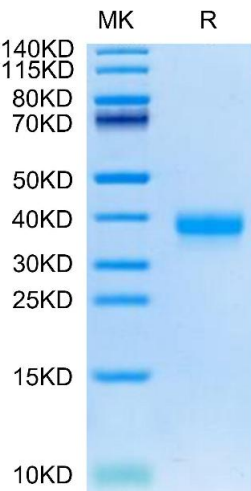
Background:	Candidates for this common regulatory system include signals mediated by peroxisome proliferator-activated regulator and its response factor, angiopoietin-like 4. The expression and bioactivity of angiopoietin-like 4, an adipocytokine that was originally reported to have an angiogenic function, have been detected not only in the vascular system and adipose tissue but also in rheumatoid joints.
Molecular Weight:	28.46 kDa. Due to glycosylation, the protein migrates to 35-40 kDa based on Tris-Bis PAGE result.
NCBI Accession:	XP_045236104
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Restrictions:	For Research Use only
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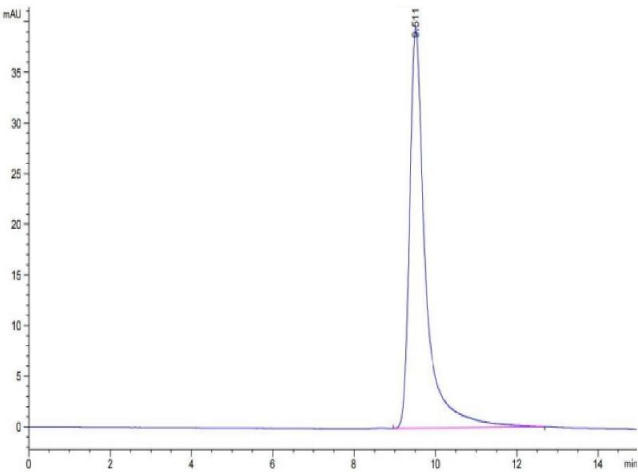
Handling

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



SDS-PAGE

Image 1. Cynomolgus ANGPTL4 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Cynomolgus ANGPTL4 is greater than 95 % as determined by SEC-HPLC.