

Biotinylated Cynomolgus ANGPTL3/Angiopoietin-like 3 Protein



Cat. No. ANG-CM403B

Description	
Source	Recombinant Biotinylated Cynomolgus ANGPTL3/Angiopoietin-like 3 Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Ser17-Glu460.
Accession	A0A2K5UDC5
Molecular Weight	The protein has a predicted MW of 55.19 kDa. Due to glycosylation, the protein migrates to 60-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC

Formulation and Storage	
Formulation	Supplied as 0.22 µm filtered solution in PBS, 0.05% CHAPS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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 Cterminal 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.	

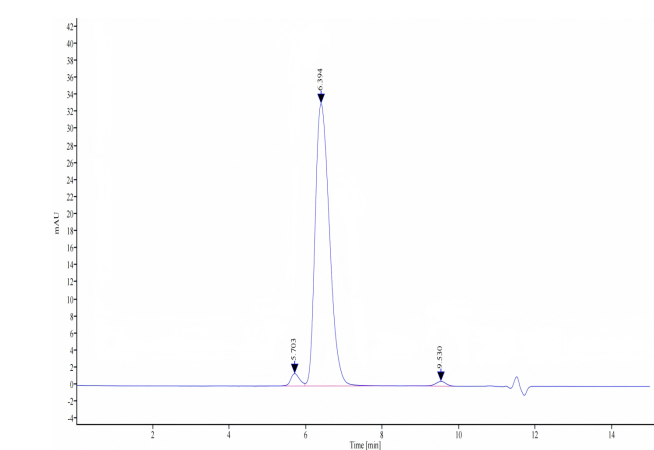
Assay Data

Bis-Tris PAGE



Biotinylated Cynomolgus ANGPTL3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



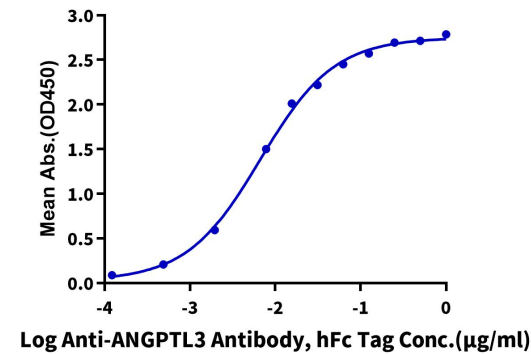
The purity of Biotinylated Cynomolgus ANGPTL3 is greater than 90% as determined by SEC-HPLC.

Assay Data

ELISA Data

Biotinylated Cynomolgus ANGPTL3, His-Avi Tag ELISA

0.05µg Biotinylated Cynomolgus ANGPTL3, His-Avi Tag Per Well



Immobilized Biotinylated Cynomolgus ANGPTL3, His-Avi Tag at 0.5µg/ml (100µl/Well) on streptavidin (5µg/ml) precoated plate. Dose response curve for Anti-ANGPTL3 Antibody, hFc Tag with the EC50 of 6.7ng/ml determined by ELISA.