

Cynomolgus ANGPTL3/Angiopoietin-like 3 Protein

Cat. No. ANG-CM103

Description

Source	Recombinant Cynomolgus ANGPTL3/Angiopoietin-like 3 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser17-Glu460.
Accession	A0A2K5UDC5
Molecular Weight	The protein has a predicted MW of 52.86 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

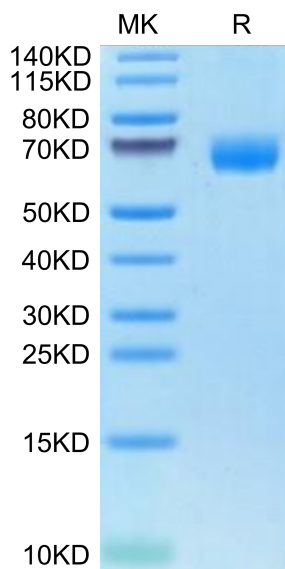
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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 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.

Assay Data

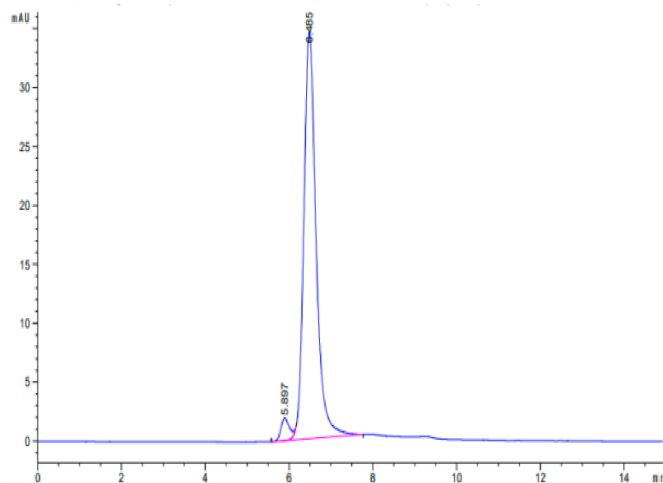
Bis-Tris PAGE



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

SEC-HPLC

Assay Data

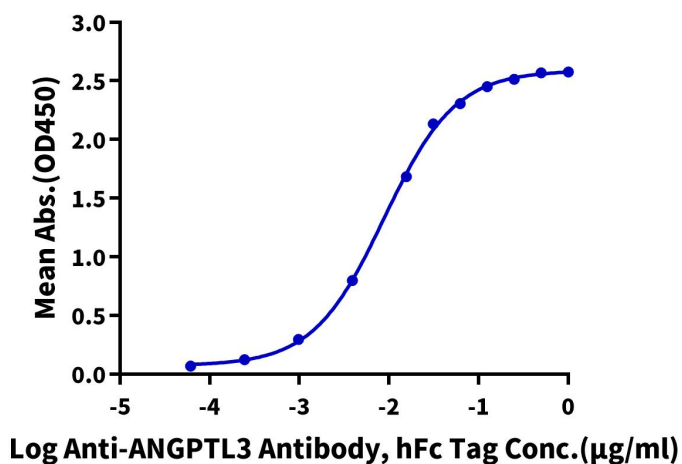


The purity of Cynomolgus ANGPTL3 is greater than 95% as determined by SEC-HPLC.

ELISA Data

Cynomolgus ANGPTL3, His Tag ELISA

0.1µg Cynomolgus ANGPTL3, His Tag Per Well



Immobilized Cynomolgus ANGPTL3, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-ANGPTL3 Antibody, hFc Tag with the EC50 of 8.8ng/ml determined by ELISA (QC Test).