

Cynomolgus ANGPTL3 Protein; His Tag

Product Information

Product Name	Cynomolgus ANGPTL3 Protein; His Tag
Storage temp	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Catalog# / Size	GM-88931RP-100 / 100 μg GM-88931RP-1000 / 1 mg

Protein Information

Alternative Names	ANG-5, ANGPT5, ANL3, FHBL2
Source	Cynomolgus ANGPTL3 Protein; His Tag (GM-88931RP) is expressed from human 293 cells (HEK-293). It contains AA Ser 17 - Glu 460 (Accession # A0A2K5UDC5). This protein carries a His tag at the C-terminus.
Purity	> 90% as determined by SDS-PAGE
Endotoxin	< 1 EU/ μg , determined by LAL gel clotting assay
Predicted Mol Mass	52.6 kDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH 7.2–7.4.
Description	Angiopoietin-like protein 3 (ANGPTL3), a member of the angiopoietin-like family encoded by the ANGPTL3 gene on chromosome 1p31.3, is a hepatocyte-derived secretory protein that governs systemic lipid metabolism. The 460-amino-acid precursor is proteolytically cleaved into an N-terminal coiled-coil domain, which inhibits lipoprotein lipase and endothelial lipase and thereby elevates circulating triglyceride and high-density lipoprotein cholesterol levels, and a C-terminal fibrinogen-like domain that supports endothelial cell adhesion. Loss-of-function mutations in ANGPTL3 cause familial combined hypolipidemia and confer protection against coronary artery disease, identifying ANGPTL3 as a promising therapeutic target for dyslipidemia.

Figures

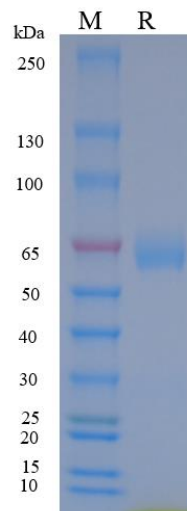


Figure 1 | On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

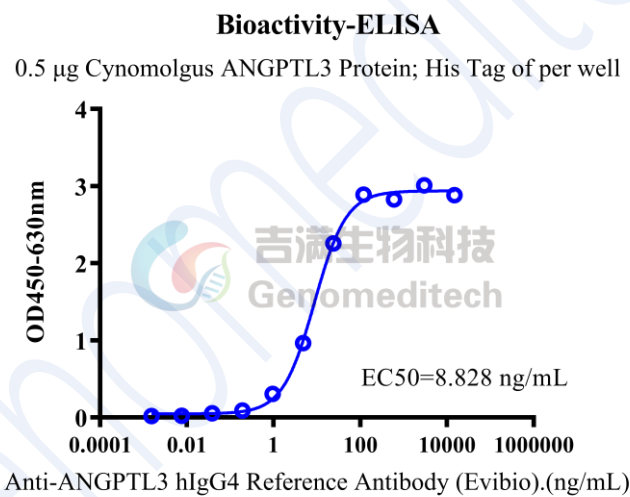


Figure 2 | Cynomolgus ANGPTL3 Protein; His Tag (Catalog # GM-88931RP) was immobilized at 5 µg/ml (100 µL/well). Increasing concentrations of Anti-ANGPTL3 hIgG4 Reference Antibody (Evibio) (Catalog # GM-88097MAB) were added.

Related Products

THRβ	
H_THRβ Reporter HEK-293 Cell Line	
ANGPTL4	
Anti-ANGPTL4 hIgG4 Antibody (H4H284P)	
ASGR1	
H_ASGR1 CHO-K1 Cell Line	H_ASGR1 HEK-293 Cell Line
Anti-ASGR1 hIgG1 Antibody(4A2.001)	
Cynomolgus ASGR1 Protein; His Tag	Human ASGR1 Protein; hFc Tag
Human ASGR1 Protein; His Tag	Mouse ASGR1 Protein; His Tag