

Cynomolgus ANGPTL4/Angiopoietin-like 4 Protein, Ultra Low Endotoxin



Cat. No. ANG-CM1L4-UL

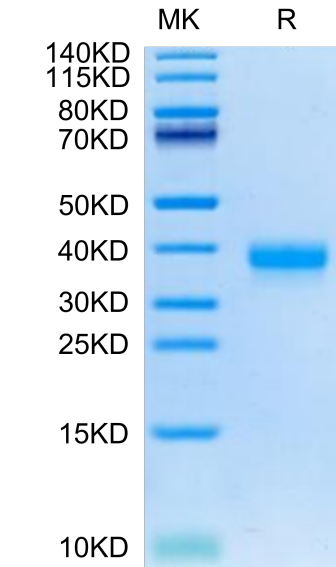
Description	
Source	Recombinant Cynomolgus ANGPTL4/Angiopoietin-like 4 Protein is expressed from HEK293 with His tag at the N-Terminus. It contains Arg164-Ser406.
Accession	XP_045236104.1
Molecular Weight	The protein has a predicted MW of 28.46 kDa. Due to glycosylation, the protein migrates to 35-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.001 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage	
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.	

Assay Data

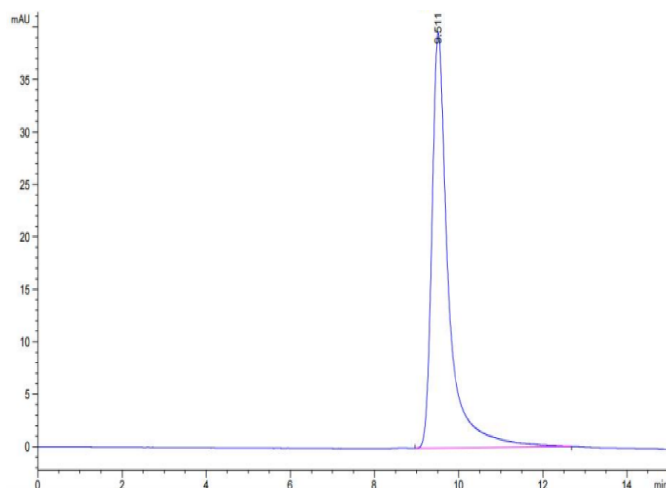
Bis-Tris PAGE



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

SEC-HPLC

Assay Data



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