Biotinylated Mouse APLN Protein

Cat. No. APN-MM501B

Description

Source	Recombinant Biotinylated Mouse APLN Protein is expressed from HEK293 with hFc tag and Avi tag at the C-Terminus.
	It contains Val23-Phe77.
Accession	Q9R0R4
Molecular Weight	The protein has a predicted MW of 34.81 kDa. Due to enzyme lysis and glycosylation, the protein migrates to 38-48 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

Formulation and Storage

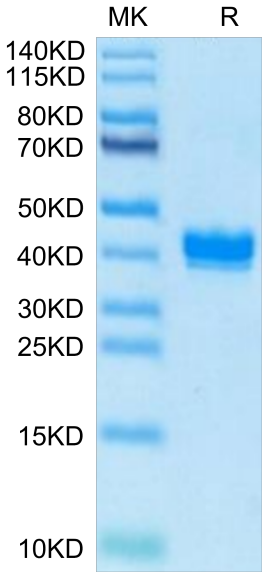
Formulation	Lyophilized from 0.22μm filtered solution in PBS, 0.2M Arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-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

Macrophages play key roles during cardiovascular diseases (CVD) and their related complications.Apelin (APLN) is a key molecule, whose roles during CVD have been documented previously. Therefore, it has been hypothesized that APLN may perform its roles via modulation of macrophages.

Assay Data

Bis-Tris PAGE



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