

Mouse APLN Protein

Cat. No. APN-MM201

Description

Source	Recombinant Mouse APLN Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Val23-Phe77.
Accession	Q9R0R4
Molecular Weight	The protein has a predicted MW of 33 kDa. Due to glycosylation, the protein migrates to 35-45 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

Formulation and Storage

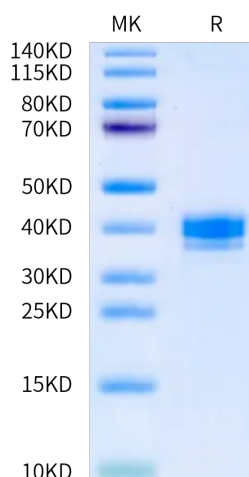
Formulation	Supplied as 0.22µm filtered solution in PBS, 200mM Arginine (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

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. Additionally, due to the widespread distribution of the CVD, more effective therapeutic strategies need to be developed to overcome the related complications.

Assay Data

Bis-Tris PAGE



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