

Mouse Adiponectin/Acrp30 Protein

Cat. No. ADI-MM201

Description

Source	Recombinant Mouse Adiponectin/Acrp30 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Glu18-Asn247.
Accession	Q60994
Molecular Weight	The protein has a predicted MW of 51.3 kDa. Due to glycosylation, the protein migrates to 52-70 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

Formulation and Storage

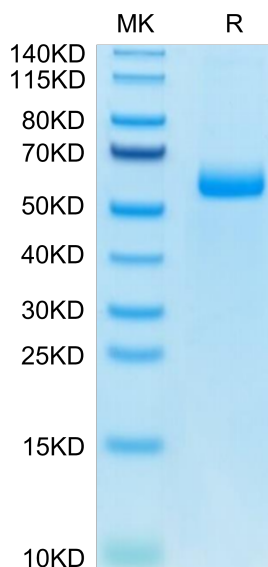
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Adiponectin, also known as Acrp30, is an adipocyte-derived protein with wide ranging paracrine and endocrine effects on metabolism and inflammation. Important adipokine involved in the control of fat metabolism and insulin sensitivity, with direct anti-diabetic, anti-atherogenic and anti-inflammatory activities. Stimulates AMPK phosphorylation and activation in the liver and the skeletal muscle, enhancing glucose utilization and fatty-acid combustion. Antagonizes TNF-alpha by negatively regulating its expression in various tissues such as liver and macrophages, and also by counteracting its effects.

Assay Data

Bis-Tris PAGE



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