Mouse Adiponectin/Acrp30 Protein

Cat. No. ADI-MM101

Description

Source	Recombinant Mouse Adiponectin/Acrp30 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Glu18-Asn247.
Accession	Q60994
Molecular Weight	The protein has a predicted MW of 25.9 kDa. Due to glycosylation, the protein migrates to 32-35 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
	> 95% as determined by HPLC

Formulation and Storage

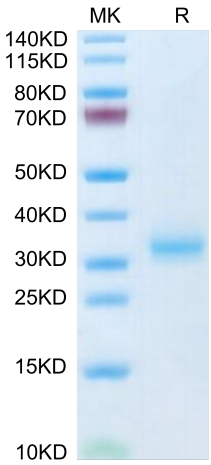
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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.

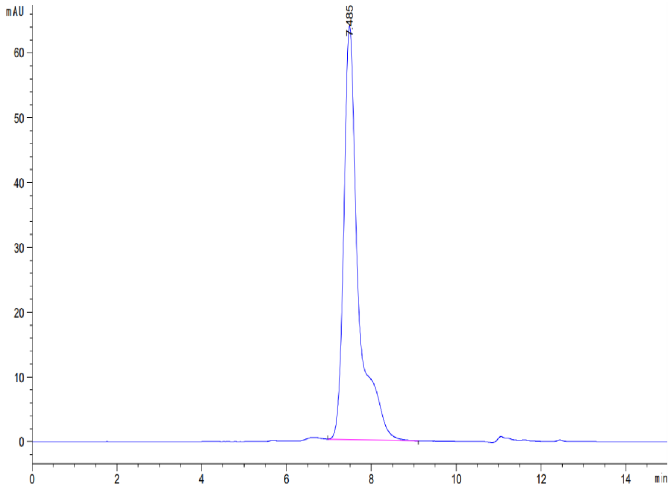
Assay Data

Tris-Bis PAGE



Mouse Adiponectin/Acrp30 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse Adiponectin/Acrp30 is greater than 95% as determined by SEC-HPLC.

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