

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 Bis-Tris PAGE result. |
| Endotoxin | Less than 1 EU per µg by the LAL method. |
| Purity | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC |

Formulation and Storage

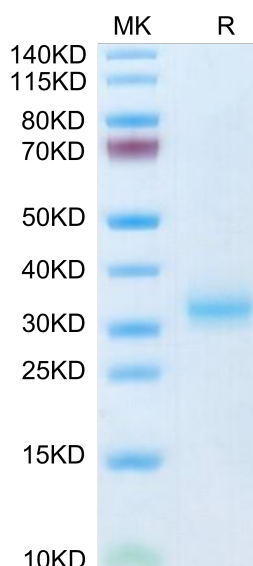
| | |
|--------------------|--|
| Formulation | Supplied as 0.22µm filtered solution in PBS (pH 7.4). |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

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

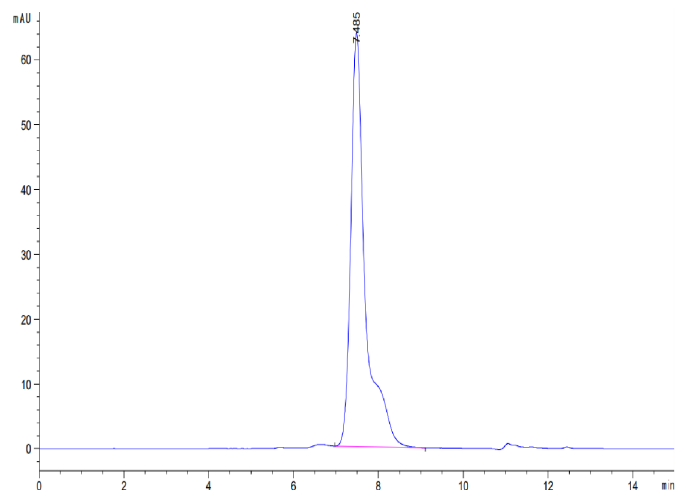
Bis-Tris PAGE



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

SEC-HPLC

Assay Data



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