

# Mouse Adiponectin/Acrp30 (His Tag) recombinant protein



Catalog Number: 501270

## General Information

### Gene Name Synonym

30 kDa adipocyte complement-related protein;  
Adipocyte complement-related 30 kDa protein;  
Adipocyte, C1q and collagen domain-containing  
protein; Adipocyte-specific protein AdipoQ

### Protein Construction

A DNA sequence encoding the mouse ADIPOQ  
(NP\_033735.3) (Met 1-Asn 247) was expressed,  
with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by  
the LAL method

### Stability

Samples are stable for up to twelve months from  
date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Glu 18

### Molecular Mass

The secreted recombinant mouse ADIPOQ  
comprises 241 amino acids and has a calculated  
molecular mass of 26.4 kDa. As a result of  
glycosylation, the recombinant protein migrates as  
an approximately 30 kDa band in SDS-PAGE under  
reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as  
protectants before lyophilization.

2. Please contact us for any concerns or special  
requirements.

## Usage Guide

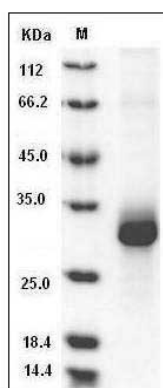
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .  
It is recommended that the protein be aliquoted  
for optimal storage. Avoid repeated freeze-thaw  
cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of  
0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Mouse Adiponectin / Acrp30 / ADIPOQ Protein  
(His Tag) SDS-PAGE