

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 μg of the protein as determined by
the LAL method

Stability

Samples are stable for up to twelve months from
date of receipt at -70°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

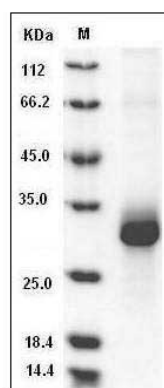
Storage

Store it under sterile conditions at -20°C to -80°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



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(His Tag) SDS-PAGE