

gAcrp30/Adiponectin, human recombinant protein
apm-1, Adipolean (human)
Catalog # PBV10323r**Specification**

gAcrp30/Adiponectin, human recombinant protein - Product info

Primary Accession [Q15848](#)
Calculated MW **16.6 kDa KDa**

gAcrp30/Adiponectin, human recombinant protein - Additional Info

Gene ID **9370**
Gene Symbol **ADIPOQ**

Other Names

apm-1, Adipolean , 30 kDa adipocyte complement-related protein, Adipocyte complement-related 30 kDa protein, Adipocyte, C1q and collagen domain-containing protein, Adipose most abundant gene transcript 1 protein, Gelatin-binding protein, ADIPOQ, ACDC, ACRP30, APM1, GBP28

Gene Source **Human**
Source **E. coli**
Assay&Purity **SDS-PAGE; ≥98%**
Assay2&Purity2 **HPLC;**
Recombinant **Yes**
Results **1-3 mg/ml**
Target/Specificity
Adiponectin

Application Notes

Reconstitute Adiponectin/ gACRP30 protein in water to a concentration of 1 mg/ml. This solution can then be diluted into other aqueous buffers

Format

Lyophilized Adiponectin/ gACRP protein

Storage

-20°C; Sterile filtered and lyophilized Adiponectin/ gACRP30 protein from 10 mM Tris, pH 9.2 + 0.05% Sarcosyl + 0.75 mM DTT

gAcrp30/Adiponectin, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

gAcrp30/Adiponectin, human recombinant protein - Images**gAcrp30/Adiponectin, human recombinant protein - Background**

Human gAcrp30 (amp-1) also known as Adipolean is a 16.6 kDa protein that corresponds to the C-terminal globular domain of adiponectin (amp-1). gAcrp30/Adipolean is expressed and secreted exclusively by adipose tissue. Adiponectin/ gACRP30 protein possesses unique pharmacological properties for regulation of body weight and lipid metabolism. It is a key component in controlling energy homeostasis. Recently, gAcrp30/Adipolean has been shown to inhibit the proliferation of myelomonocytic progenitors. The Recombinant Human gAcrp30/Adipolean is a 16.6 kDa protein consisting of 145 amino acid residues