

# gAcrp30/Adiponectin, human recombinant protein

apm-1, Adipolean (human) Catalog # PBV10323r

### **Specification**

## gAcrp30/Adiponectin, human recombinant protein - Product info

Primary Accession <u>Q15848</u>

Calculated MW 16.6 kDa KDa

## qAcrp30/Adiponectin, human recombinant protein - Additional Info

Gene ID 9370
Gene Symbol ADIPOO

**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

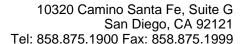
#### Storage

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

## qAcrp30/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 Cytomety

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