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Adiponectin, rat recombinant protein

Acrp-30, GBP-28, Apm-1

Catalog # PBV10474r

Specification

Adiponectin, rat recombinant protein - Product info

Calculated MW	**30 kDa KDa**

Adiponectin, rat recombinant protein - Additional Info

Gene ID	**246253**
Gene Symbol	**ADIPOQ**

Other Names

Acrp-30, GBP-28, Apm-1, 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

Gene Source	**Rat**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥90%**
Assay2&Purity2	**HPLC;**
Recombinant	**Yes**

Application Notes

Recontitute in PBS containing at least 0.1% BSA to a concentration of 0.1-1.0 mg/ml. This stock solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or –20°C for future use.

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized from a 0.2 µm filtered solution in 25 mM Tris, 0.15 M NaCl, pH 7.4 containing 50 µg of bovine serum albumin (BSA) per 1 µg of adiponectin.

Adiponectin, rat 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

Adiponectin, rat recombinant protein - Images

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Adiponectin, rat recombinant protein - Background

Adiponectin (also called Acrp30, AdipoQ) is an adipocyte specific secreted protein that circulates in the plasma. It is induced during adipocyte differentiation and it secretion is stimulated by insulin. Adiponectin plays a role in various physiological processes such as energy homeostasis and obesity. Plasma levels of adiponectin are reduced in obese humans, and decreased levels are associated with insulin resistance and hyperinsulinemia.