

Datasheet for ABIN934928

**ADIPOQ Protein****1** Image[Go to Product page](#)

## Overview

Quantity:	10 µg
Target:	ADIPOQ
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

## Product Details

Sequence: MGHdqETTTQ GPGVLLPLPK GACTGWMAGI PGHPGHNGAP GRDGRDGTPG EKGEKGDpGL  
IGPKGDIGET GVPGAEGPRG FPGIQGRKGE PGEgAYVYRS AFSVgLETyV TIPNMPIRFT  
KIFYNQQNHY DGSTGKFHCN IPGLYYFAYH ITVYMKDVkV SLFKKDKAML FTyDQYQENN  
VDQASGSVLL HLEVGDQVWL QVYGEGERNG LYADNDNDST FTGFLLYHDT N

Characteristics: Purified recombinant Human Adiponectin protein  
Expression System: E.coli  
Molecular weight on SDS-PAGE will appear higher.

Purity: > 90 % pure

## Target Details

Target:	ADIPOQ
Alternative Name:	Adiponectin ( <a href="#">ADIPOQ Products</a> )
Background:	Human Adiponectin, also referred to as AdipoQ, Acrp30, apm-1 or GBP28, is a secreted protein

## Target Details

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expressed exclusively in differentiated adipocyte (adipokine). Adiponectin contains a modular structure comprising an N-terminal collagenous domain followed by a C-terminal globular domain. 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.

Alternative Names: Adipocyte protein, Adipocyte complement-related 30 kDa protein protein, AdipoQ protein, 30 kDa adipocyte complement-related protein protein, apM-1 protein, 30 kDa adipocyte complement related protein protein, ACRP30 protein, ACDC protein, ACRP 30 protein, APM1 protein, Adipose most abundant gene transcript 1 protein protein, Adipose most abundant gene transcript 1 protein, Adipocyte C1q and collagen domain containing protein protein, Gelati protein, APM 1 protein, Adipocyte complement related protein of 30 kDa protein, , ACRP30 protein, C1q and collagen domain-containing protein protein, GBP28 protein, Gelatin binding protein protein, Adipocyte complement related 30 kDa protein protein, Adiponectin protein, GBP 28 protein

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Molecular Weight: 25.1 kDa (231 AA)

## Application Details

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Application Notes: Adiponectin protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in PBS, pH 7.4, containing 1 mM DTT.

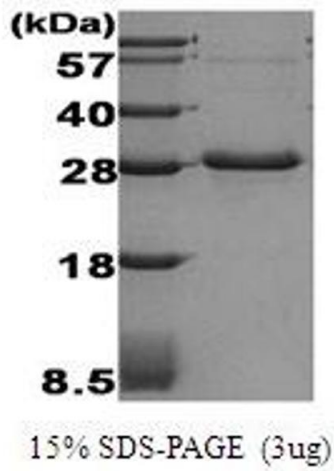
Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C

Storage Comment: Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



### SDS-PAGE

**Image 1.** Figure annotation denotes ug of protein loaded and % gel used.