

Datasheet for ABIN666808  
**ADIPOQ Protein (AA 111-247)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µg
Target:	ADIPOQ
Protein Characteristics:	AA 111-247
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	Adiponectin(111-247aa, globular domain), Mouse, Recombinant, expressed in E.coli
Purity:	> 95 % by SDS - PAGE

## Target Details

Target:	ADIPOQ
Alternative Name:	Adiponectin (111-247aa) ( <a href="#">ADIPOQ Products</a> )
Background:	Adiponectin/Acrp30(247amino acids) is adipocyte complement-related protein of 30kDa and exclusively expressed in differentiated adipocytes. Adiponectin(Acrp30) is a member of the complement factor C1q family and consists of signal sequence, Non-homologous sequence, collagen domain and globular domain(gAcrp30). Adiponectin(Acrp30) expression is reduced in a variety of obese and insulin-resistant states in human, monkeys and mice. Injection of Acrp30(247aa) or gAcrp30(globular domain) lowers serum glucose and free fatty acid level in

## Target Details

mice. The globular domain of adiponectin/acrp30(amino acid residues, 111-247, gAcrp30) was overexpressed in E.coli and purified by using conventional chromatography techniques.

Synonyms: ADIPOQ, ACDC, ACRP30, APM1, GBP28, Adiponectin globular domain, Mouse, Adipocyte, C1q and collagen domain-containing protein, 30 kDa adipocyte complement-related protein, Adipocyte complement-related 30 kDa protein, ACRP30, Adipose most abunda, Adiponectin, 30 kDa adipocyte complement related protein, ACRP 30, Adipocyte C1q and collagen domain containing protein, Adipocyte complement related 30 kDa protein, Adipocyte complement related protein of 30 kDa, Adipose most abundant gene transcript 1, APM 1, GBP 28, Gelatin binding protein,. NCBI no.: NP\_033735

Molecular Weight: 16 kDa (138 aa), confirmed by MALDI-TOF.

## Application Details

Restrictions: For Research Use only

## Handling

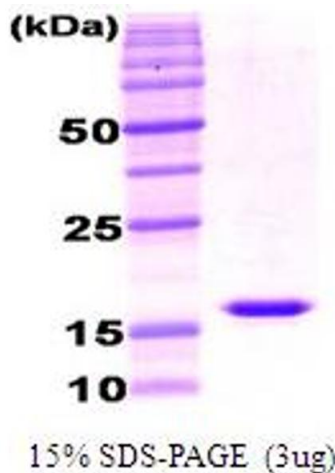
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl pH7.5, 50mM NaCl, 5mM DTT, 10% Glycerol.

Storage: 4 °C

## Images



### SDS-PAGE

Image 1.