

## Recombinant Adiponectin with His Tag (Human)

<b>Type:</b>	Recombinant	<b>Cat. No.:</b>	41010-S10
<b>Tag:</b>	His	<b>Size:</b>	1 mg
<b>Source:</b>	E.Coli	<b>Purity:</b>	>95%
<b>Other names:</b>	Acrp30, GBP28, AdipoQ	<b>Species:</b>	Human

### Introduction to the Molecule

Adiponectin, also known as apM1, Acrp30, GBP28 and adipoQ, is a circulating hormone predominantly produced from adipose tissue. Recently, many clinical studies demonstrated that circulating adiponectin levels are decreased significantly in type 2 diabetes, coronary heart diseases and stroke. Decreased circulating adiponectin levels indicate the increased risk for the development of aforementioned diseases.

### Description

### Amino Acid Sequence

### Formulation

Solution in PBS. Store at  $-20^{\circ}\text{C}$ . For long-term storage, aliquot and freeze at  $-70^{\circ}\text{C}$ . Avoid repeated freeze/thaw cycles.

### Applications

ELISA, Western blotting and further manufacturing use.

### Quality Control Test

BCA to determine quantity of the protein.  
SDS PAGE to determine purity of the protein.