

## **Acrp30 Human (72-244)**

*Adiponectin (72-244) Human Recombinant*

CYK0009

### **Product Overview**

<b>Name</b>	Acrp30 Human (72-244)
<b>Catalog #</b>	CYK0009
<b>Description</b>	Adiponectin (72-244) Human Recombinant
<b>Precautions</b>	

### ***Background***

Adiponectin is a protein produced and secreted by adipose tissue. Adiponectin takes part in regulating glucose levels as well as fatty acid breakdown. Adiponectin 's Functions: Anti-Inflammatory Effects - Adiponectin has anti-inflammatory properties that helps mitigate chronic inflammation. Regulation of Glucose and Lipid Metabolism - Adiponectin Enhances insulin sensitivity, helping in regulation of blood sugar levels and also promotes fatty acid oxidation, which helps reduce fat accumulation. Cardiovascular Health - It may influence vascular health and is associated with a lower risk of cardiovascular diseases. Levels and Health Implications: Normal Levels - usually, higher levels of adiponectin are associated with a lower risk of metabolic syndrome, cardiovascular diseases and type 2 diabetes. Low Levels - Reduced adiponectin levels are often linked with obesity, insulin resistance, and other metabolic disorders. Factors Influencing on the Adiponectin Levels: Weight - High body fat (especially visceral fat) can lower adiponectin levels. Diet and Exercise - Regular physical activity and a healthy diet can increase adiponectin levels. Genetics - Genetic factors might also be an influence on an individual adiponectin level. Adiponectin is an important component in metabolic health, therefore continuing the research of its functions and regulation keeps advance our understanding of its role in diseases like diabetes and cardiovascular conditions.