

Product datasheet for **TP727206**

Adipoq Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Adiponectin/Acrp30/AdipoQ (C-6His, Human Cells)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Glu18-Asn247
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Mouse Adipocyte complement-related 30 kDa protein is produced by our Mammalian expression system and the target gene encoding Glu18-Asn247 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	11450
UniProt ID:	Q60994
Summary:	<p>Adiponectin is a secreted protein. It is synthesized exclusively by adipocytes and secreted into plasma. Adiponectin is an important adipokine that is involved in the control of fat metabolism and insulin sensitivity, with direct anti-diabetic, anti-atherogenic and anti-inflammatory activities. Adiponectin Stimulates AMPK phosphorylation and activates in the liver and the skeletal muscle, enhancing glucose utilization and fatty-acid combustion. Adiponectin also antagonizes TNF-alpha by negatively regulating its expression in various tissues such as liver and macrophages, and also by counteracting its effects. It inhibits endothelial NF-kappa-B signaling through a cAMP-dependent pathway. Adiponectin may play a role in cell growth, angiogenesis and tissue remodeling by binding and sequestering various growth factors with distinct binding affinities, depending on the type of complex: LMW, MMW or HMW.</p>



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