

## 32-1014: mAcrp30 His Recombinant Protein

**Alternative Name :** Acrp30,AdipoQ,GBP-28,APM-1,ACDC.

### Description

Source : Escherichia Coli. The Adiponectin Mouse is created as a recombinant protein with a 21 a.a N-terminal fusion of His Tag. The Adiponectin His-Tagged Fusion Protein, produced in E. coli, is a 27.2kDa protein containing 251 amino acid residues of the Acrp30 Mouse, 18-247 amino acids. Adiponectin is an adipocyte specific secreted protein that circulates in the plasma. It is induced during adipocyte differentiation and its secretion is stimulated by insulin. Mouse adiponectin shares about 83% amino acid identity with that human. Adiponectin plays a role in various physiological processes such as energy homeostasis and obesity. Adiponectin is reduced in obese humans, and decreased level is associated with insulin resistance and hyperinsulinemia.

### Product Info

<b>Amount :</b>	25 µg
<b>Purification :</b>	Acrp30 Mouse is greater than 90% as determined by SDS-PAGE.
<b>Content :</b>	Acrp30 Mouse is a sterile filtered liquid containing (1mg/ml) 20mM Tris-HCl pH-8, 1mM DTT and 10% Glycerol.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MEDDVTTEE LAPALVPPPK GTCAGWMAGI PGHPGHNGTP GRDGRDGTPG EKGEKGDAGL LGPKGETGDV GMTGAEGPRG FPGTPGRKGE PGEAAYVYRS AFSVGLETRV TVPNVPIRFT KIFYNQNHY DGSTGKFYCN IPGLYYFSYH ITVYMKDVKV SLFKKDKAVL FTYDQYQEKV VDAQSGSVLL HLEVG DQVWL QVYGDGDHNG LYADNVNDST FTGFLLYHDT N.