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32-1013: Acrp30 (108-244) Recombinant Protein

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

Description

Source : Escherichia Coli. Acrp30 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 158 amino acids (108-244 a.a.) and having a molecular mass of 18.1kDa.Acrp30 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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

Amount :	25 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	Acrp30 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MAYVYRSAFS VGLETYVTIP NMPIRFTKIF YNQQNHYDGS TGKFHCNIPG LYYFAYHITV YMKDVKVSLF KKDKAMLFTY DQYQENNVDQ ASGSVLLHLE VGDQVWLQVY GEGERNGLYA DNDNDSTFTG FLLYHDTN.

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