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32-1024: mgAcrp30 Recombinant Protein

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

Description

Source : Escherichia Coli. The globular domain of Adiponectin Mouse Recombinant / Acrp30 Mouse contains 138 amino acid residues from a.a. 111-247 having molecular mass of 16 kDa was over expressed in E.coli and purified by using conventional chromatography techniques. Adiponectin (247amino acids) is adipocyte complement-related protein of 30 kDa and exclusively expressed in differentiated adipocytes. APM-1 (Acrp30 Mouse) is a member of the complement factor C1q family and consists of signal sequence, Non-homologous sequence, collagen domain and domain (gAcrp30). Adiponectin expression is reduced in a variety of obese and insulin-resistant states in human, monkeys and mice. Injection of Acrp30 Mouse (247aa) or gAcrp30 (globular domain) lowers serum glucose and free fatty acid level in mice.

Product Info

Amount :	50 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	Acrp30 Mouse (1mg/ml) solution containing 20mM Tris-HCl pH7.5, 50mM NaCl, 5mM DTT and 10% Glycerol.
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 :	MAYMYRSAFS VGLETRVTVP NVPIRFTKIF YNQQNHYDGS TGKFYCNIPG LYYFSYHITVYMKDVKVSLF KKDKAVLFTY DQYQEKNVDQ ASGSVLLHLE VGDQVWLQVY GDGDHNGLYADNVNDSTFTG FLLYHDTN

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