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32-6294: Acrp30 Mouse

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

Description

Source: HEK293 cells.
Filtered White lyophilized (freeze-dried) powder.
Adiponectin, also known as Acrp30, AdipoQ and GBP-28, is a 244 amino acid protein, the product of the apM1 gene, which is physiologically active and specifically and highly expressed in adipose cells (Adipokine). Adiponectin is a part of the soluble defense collagen super family; it has a collagen-like domain structurally homologous with collagen VIII and X and complement factor C1q-like globular domain. APM-1 forms homotrimers, which are the building blocks for higher order complexes found circulating in serum.
Acrp30 Mouse Recombinant is a single, glycosylated polypeptide chain containing 230 amino acids (18-247a.a) and having a molecular mass of 24.9kDa (calculated).

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.Â
Content :	Acrp30 filtered (0.4 µm) and lyophilized from 0.5mg/ml in 20mM Tris 50mM NaCl and 1mM CaCl2, pH 7.5. It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely.
Storage condition :	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Amino Acid :	EDDVTTTEEL APALVPPPKG TCAGWMAGIP GHPGHNGTPG RDGRDGTPGE KGEKGDAGLL GPKGETGDVG MTGAEGPRGF PGTPGRKGEP GEAAYVYRSA FSVGLETRVT VPNVPIRFTK IFYNQQNHYD GSTGKFYCNI PGLYYFSYHI TVYMKDVKVS LFKKDKAVLF TYDQYQEKNV DQASGSVLLH LEVGDQVWLQ VYGDGDHNGL YADNVNDSTF TGFLLYHDTN.

Application Note

Measured by its ability to inhibit proliferation of mouse 3T3 fibroblasts stimulated by PDGF. The ED50 for the effect is typically 5-15 Ã□Âµg/mL.

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