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Acrp30 Mouse

Adiponectin Mouse Recombinant
CYK0015

Product Overview

Name	Acrp30 Mouse
Description	
Adiponectin Mouse Recombinant	
Accession (Primary)	Q60994
Synonyms	
Acrp30, AdipoQ, GBP-28, APM-1, ACDC.	
Introduction	
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.	
Source	
HEK293 cells.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Acrp30 filtered (0.4 μm) and lyophilized from 0.5mg/ml in 20mM Tris 50mM NaCl and 1mM CaCl2, pH 7.5.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
EDDVTTTEEL APALVPPPKG TCAGWMAGIP GHPGHNGTPG RDGRDGTPGE KGEKGDAGLL GPKGETGDVG MTGAEGPRGF PGTPGRKGEP GEAAYVYRSA FSVGLETRVT VPNVPIRFTK IFYNQQNHYD GSTGKFYCNI PGLYYFSYHI TVYMKDVKVS LFKKDKAVLF TYDQYQEKNV DQASGSVLLH LEVGDQVWLQ VYGDGDHNGL	

YADNVNDSTF TGFLLYHDTN.

Biological Activity

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

Solubility

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.

Precautions

Acrp30 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q60994)