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Acrp30 Mouse, HEK

Adiponectin Mouse Recombinant, HEK
CYK0016

Product Overview

Name	Acrp30 Mouse, HEK
Description	
Adiponectin Mouse Recombinant, HEK	
Accession (Primary)	Q60994
Synonyms	
Acrp30, AdipoQ, GBP-28, APM-1, ACDC.	
Introduction	
Adiponectin is an important negative regulator in hematopoiesis and immune systems. It may be involved in ending inflammatory responses through its inhibitory functions. Inhibits endothelial nf-kappa-b signaling through a camp-dependent pathway. Inhibits tnf-alpha- induced expression of endothelial adhesion molecules. Involved in the control of fat metabolism and insulin sensitivity.	
Source	
HEK293 (Human embryonic kidney cell line).	
Formulation	
Filtered (0.4 μm) and lyophilized from 0.5 mg/ml in 0.05M PBS buffer,0.075M NaCl, pH7.4.	
Stability	
Store lyophilized APM-1 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 98.0% as determined by SDS-PAGE.	
Amino acid sequence	
EDDVTTTEEL APALVPPPKG TCAGWMAGIP GHPGHNGTPG RDGRDGTPGE KGEKGDAGLL GPKGETGDVG MTGAEGPRGF PGTPGRKGEP GEAAYMYRSA FSVGLETRVT VPNVPIRFTK IFYNQQNHYD GSTGKFYCNI PGLYYFSYHI TVYMKDVKVS LFKKDKAVLF TYDQYQEKNV DQASGSVLLH LEVGDQVWLQ VYGDGDHNGL YADNVNDSTF TGFLLYHDTN DYKDDDDK .	
Biological Activity	
Full-length adiponectin activates AMP-activated protein kinase in hepatocyte. Adiponectin also activates AMPK in	

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HepG2 human hepatocytes at the concentration of 1.0 µg/ml. An in vitro gluconeogenesis assay which was performed in primary rat hepatocytes showed the murine adiponectin derived from mammalian cells can inhibit glucose production.

Solubility

It is recommended to reconstitute the lyophilized Acrp30 Mouse in sterile 18M-cm H 2 O at 0.5mg/ml, which can then be further diluted to other aqueous solutions.

Precautions

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

Target Information: (Q60994)