9051 Mira Mesa Blvd, #910094
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Acrp30 Human, His

Adiponectin Human Recombinant, His tag
CYK0011

Product Overview

Name	Acrp30 Human, His
Description	
Adiponectin Human Recombinant, His tag	
Accession (Primary)	Q15848
Synonyms	
Acrp30, AdipoQ, GBP-28, APM-1, ACDC.	
Introduction	
Adiponectin, also referred to as Acrp30, AdipoQ and GBP-28, is a recently discovered 244 amino acid protein, the product of the apM1 gene, which is physiologically active and specifically and highly expressed in adipose cells (Adipokine). The protein belongs to 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	
Escherichia Coli.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Acrp30 Human was filtered (0.4 µm) and lyophilized from 0.5 mg/ml in 0.02M Tris buffer pH7.5, 0.15M NaCl.	
Stability	
Store lyophilized Acrp30 Human at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted Acrp30 Human 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	
Acrp30 Human purity is greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MRGSHHHHHHGS GHDQETTT QGPGVLLPLP KGACTGWMAG IPGHPGHNGA PGRDGRDGTP GEKGEKGDPG LIGPKGDIGE TGVPGAEGPR GFPGIQGRKG EPGEGAYVYR SAFSVGLETY VTIPNMPIRF TKIFYNQQNH YDGSTGKFHC NIPGLYYFAY HITVYMKDVK VSLFKKDKAM LFTYDQYQEN NVDQASGSVL LHLEVGDQVW	

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LQVYGEGERN GLYADNDNDS TFTGFLLYHD TN.

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. Product is not sterile! Please filter the product by an appropriate sterile filter before using it on cell culture.

Precautions

Acrp30 Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q15848)