

Acrp30 Human

Description: The Acrp30 Human protein contains 244 amino acid having a molecular mass of 26.42kDa. Native adiponectin is isolated from human pooled sera and contains all HMW, MMW and LMW fractions.

Catalog #: CYPs-031

For research use only.

Synonyms: Acrp30, AdipoQ, GBP-28, APM-1, ACDC.

Source: Human pooled serum

Amino Acid Sequence: MLLLGAVLLL LALPGHDQET TTQGPVLLP LPKGACTGWM
AGIPGHPGHN GAPGRDGRDG TPGEKGEKGD PGLIGPKGDI GETGVPGAEG PRGFPGIQGR
KGEPGEGAYV YRSAFSVGL E TYVTIPNMPI RFTKIFYNQ NHYDGSTGKF HCNIPGLYYF
AYHITVYMKD VKVSLFKKDK AMLFTYDQYQ ENNVDAQSGS VLLHLEVG DQ VWLQVYGE
RNGLYADNDN DS

Formulation:

Acrp30 Human was filtered (0.05

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

Cell culture and/or animal studies, ELISA, Immunological methods and Western blotting

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.

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.

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