

Acrp30 Human, HEK

Description: The Acrp30 Human Recombinant produced in HEK293 cells is fused with FLAG tag.

Catalog #: CYPs-441

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

For research use only.

Source: HEK293 (Human Embryonic Kidney cell line).

Amino Acid Sequence: ETTTQGPGLV LPLPKGACTG WMAGIPGHPG HNGAPGRDGR
DGTPGEKGEK GDPGLIGPKG DIGETGVPGA EGPRGFPGIQ GRKGEPGEA YVYRSAFSVG
LETYVTIPNM PIRFTKIFYN QQNHYDGSTG KFHCNIPGLY YFAYHIVYMK DVKVSFLFKD
KAMLFTYDQY QENNVDQASG SVLLHLEVGD QVWLQVYGE ERNGLYADND NDSTFTGFL
YHDTNDYKDDDDK

Purity: Greater than 98% as determined by HPLC and SDS PAGE.

Formulation:

Lyophilized from 0.5 mg/ml in PBS buffer.

Stability:

For long term, store lyophilized AdipoQ 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. The lyophilized protein remains stable for 24 months when stored at -20°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.

Solubility:

Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely.

Introduction:

Adiponectin 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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