

Acrp30 Porcine, HEK

Description:The Acrp30 Porcine Recombinant contains a total of 238 amino acids having a molecular Mass of 26kDa. The Porcine Adiponectin is fused to a 13 amino acid long N-terminal FLAG tag.

Catalog #:CYP5-703

For research use only.

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

Source:HEK293 (Human Embryonic Kidney cell line).

Amino Acid Sequence:HVDYKDDDDK PAGETTEKPG ALLPMPKGAC AGWMAGIPGH
PGHNGTPGRD GRDGVPEKEG EKGDTGLTGP KGDTGESGVT GVEGPRGFPG IPGRKGEPGE
SAYVYRSAFS VGLETRVTVP NMPIRFTKIF YNQQNHVDVT TGKFHCNIPG LYYFSFHITV
LKDVKVSLYK DKAFLFTYDQ QDKNVDQASG VLLYLEKGDQ WLQAYGDEEN GVIADNVNDS
FTGFLLYHNIE.

Purity:Greater than 90% as determined by SDS PAGE.

Formulation:

Sterile filtered and lyophilized from 0.5mg/ml in 20mM Tris buffer and 50mM NaCl pH-7.5.

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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