9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Acrp30 Porcine, HEK

Adiponectin Porcine Recombinant, HEK derived
CYK0019

Product Overview

Name	Acrp30 Porcine, HEK

Description

Adiponectin Porcine Recombinant, HEK derived

Synonyms

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

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.

Source

HEK293 (Human Embryonic Kidney cell line).

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.

Purity

Greater than 90% as determined by SDS PAGE.

Amino acid sequence

HVDYKDDDDK PAGETTEKPG ALLPMPKGAC AGWMAGIPGH PGHNGTPGRD GRDGVPGEKG EKGDTGLTGP KGDTGESGVT GVEGPRGFPG IPGRKGEPGE SAYVYRSAFS VGLETRVTVP NMPIRFTKIF YNQQNHYDVT TGKFHCNIPG LYYFSFHITV LKDVKVSLYK DKAVLFTYDQ QDKNVDQASG VLLYLEKGDQ WLQAYGDEEN GVYADNVNDS FTGFLLYHNIE.

Solubility

Add deionized water and let the lyophilized pellet dissolve completely.

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Precautions

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