

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 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.

Physical Appearance

Filtered White lyophilized (freeze-dried) powder.

Formulation

Acrp30 was filtered (0.4 µm) and lyophilized from 0.5mg/ml in 20mM Tris, 50mM NaCl, pH 7.5 and 1mM CaCl₂.

Stability

Store lyophilized protein 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.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

ETTTQGPGVL LPLPKGACTG WMAGIPGHPG HNGAPGRDGR DGTPGEKGEK GDPGLIGPKG DIGETGVPGA
EGPRGFPGIQ GRKGEPGE GA YVYRSAFSVG LETYVTIPNM PIRFTKIFYN QQNHYDGSTG KFHCNIPGLY
YFAYHITVYM KDKVSVLFFK DKAMLFTYDQ YQENNVDQAS GSVLLHLEVG DQVWLQVYGE GERNGLYADN
DNDSTFTGFL LYHDTN.

Solubility

It is recommended to add deionized water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely. Acrp30 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Precautions

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

Target Information: ([Q15848](#))