

# Acrp30 Human, HEK

*Adiponectin Human Recombinant, HEK*  
CYK0010

## Product Overview

Name Acrp30 Human, HEK

### Description

Adiponectin Human Recombinant, HEK

Accession (Primary) [Q15848](#)

### Synonyms

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

### 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.

### Source

Escherichia Coli.

### Physical Appearance

Filtered White lyophilized (freeze-dried) powder.

### Formulation

Acrp30 Human was filtered (0.4 µm) and lyophilized from 0.5 mg/ml in 0.02M Tris buffer pH7.5, 0.15M NaCl.

### 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.

### Purity

Acrp30 Human purity is greater than 95% as determined by SDS-PAGE.

### Amino acid sequence

MRGSHHHHHHGS GHDQETTT QGPGVLLPLP KGA CTGWMAG IPGH PGHNGA PGRDGRDGTP GEKGEKGDPG  
LIGPKGDIGE TGVPGAEGPR GFPGIQGRKG EPGEGAYVYR SAFSVGLETY VTIPNMPPIRF TKIFYNQNH  
YDGSTGKFHC NIPGLYYFAY HITVYMKDVK VSLFKKDKAM LFTYDQYQEN NVDQASGSVL LHLEVGDQVW

LQVYGEGERN GLYADNDNDS TFTGFLLYHD TN.

#### **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.

#### **Precautions**

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

**Target Information: ( [Q15848](#) )**