

## 32-1010: Acrp30 Native Protein

**Alternative Name :** Acrp30,AdipoQ,GBP-28,APM-1,ACDC.

### Description

Source : Human pooled serum The Acrp30 Human protein contains 244 amino acid having a molecular mass of 26.42kDa. Native adiponectin is isolated from human pooled sera and contains all HMW, MMW and LMW fractions. 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.

### Product Info

<b>Amount :</b>	10 µg
<b>Content :</b>	Acrp30 Human was filtered (0.05µm) and lyophilized from 0.5 mg/ml supplied in 20mM TRIS, 50mM NaCl and 1mM CaCl <sub>2</sub> , pH 7.5
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MLLLGAVLLL LALPGHDQET TTQGPGVLLP LPKGACTGWM AGIPGHPGHN GAPGRDGRDG TPGEKGEKGD PGLIGPKGDI GETGVPGAEG PRGFPGIQGR KGEPGEGAYV YRSAFSVGL E TYVTIPNMPI RFTKIFYNQ NHYDGSTGKF HCNIPGLYYF AYHITVYMKD VKVSLFKKDK AMLFTYDQYQ ENNVDAQSGS VLLHLEVG DQ VWLQVYGE GE RNGLYADNDN DSTFTGFLLY HDTN.

### Application Note

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.

