

## 32-1012: Acrp30 His Recombinant Protein

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

### Description

Source : Escherichia Coli. The Acrp30 Human is created as a recombinant protein with N-terminal fusion of His Tag. The Adiponectin His-Tagged Fusion Protein, produced in E. coli, is 26.4 kDa protein containing 230 amino acid residues of the Acrp30 Human and 12 additional amino acid residues - HisTag . 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>	50 µg
<b>Purification :</b>	Acrp30 Human is greater than 95% as determined by SDS-PAGE.
<b>Content :</b>	Acrp30 Human was filtered (0.4µm) and lyophilized from 0.5 mg/ml in 0.02M Tris buffer pH7.5, 0.15M NaCl.
<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>	MRGSHHHHHHSGHDQETTT QGPGVLLPLP KGACTGWMAG IPGHPHNGA PGRDGRDGTP GEKGEKGDGP LIGPKGDIGE TGVPGAEGPR GFPGIQGRKG EPGEGAYVYR SAFSVGLETY VTIPNMPPIRF TKIFYNQNH YDGSTGKFHC NIPGLYYFAY HITVYMKDVK VSLFKKDKAM LFTYDQYQEN NVDQASGSVL LHLEVG DQVW LQVYGEGERN GLYADNDNDS TFTGFLLYHD TN.

### 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.

