

---

## Product Data Sheet

---

Product Name: Acrp30 Human  
 Cat. No.: GP20012  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Human pooled serum
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	Acrp30; AdipoQ; GBP-28; APM-1; ACDC.		
Amino Acid Sequence	<p>ETTTQGGPVL LPLPKGACTG WMAGIPGHPG HNGAPGRDGR DGTPGEKGEK          GDPGLIGPKG DIGETGVPGA EGPRGFPGIQ GRKGEPGEGA YVYRSAFSVG          LETYVTIPNM PIRFTKIFYN QQNHYDGSTG KFHCNIPGLY YFAYHITVYM          KDKVSLFKK DKAMLFTYDQ YQENNVDAQS GSVLLHLEVG DQVWLQVYGE          GERNGLYADN DNDSTFTGFL LYHDTN.</p>		
Solubility	<p>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.</p>		
Formulation	<p>Acrp30 Human was filtered (0.04<math>\mu</math>m) and lyophilized from 0.5mg/ml supplied in 20mM TRIS, 50mM NaCl and 1mM CaCl<sub>2</sub>, pH 7.5.</p>		

### Introduction

Adiponectin, also referred to as Acrp30, AdipoQ and GBP-28, is a recently discovered 226 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.

### 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

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

## Product Data Sheet

---

4°C for a limited period of time; it does not show any change after two weeks at 4°C .

### Background

The Acrp30 Human protein contains 226 amino acids and having a molecular mass of 24.54 kDa. Native adiponectin is isolated from human pooled sera and contains all HMW, MMW and LMW fractions.

**Caution: Product has not been fully validated for medical applications. For research use only.**

**Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com**

**Address: 10292 Central Ave. #205, Montclair, CA, USA**