

**Adiponectin Human, Recombinant, E.coli**

**Cat.NO.: TP01068**

3th Edition

**Synonyms:**AdipoQ, ACDC, ACRP30, APM1, GBP28.

**Description:**Human Adiponectin, also referred to as AdipoQ, Acrp30, apm-1 or GBP28, is a secreted Protein expressed exclusively in differentiated adipocyte(adipokine). Adiponectin contains a modular structure comprising an N-terminal collagenous domain followed by a C-terminal globular domain.

**Form:**Liquid. In phosphate-buffered saline(pH 7.4) containing 1 mM DTT.

**Molecular Weight:**25.1 kDa (231 aa)

**Sequences:**

MGHDQETTTQGPGVLLPLPKGACTGWMAGIPGHPGHNGAPGRDGRDGTGPEKGEKGDPLIGPKGDIGETGVP  
GAEGPRGFPGIQGRKGEPGEGAYVYRSAFSVGLETYVTIPNMPPIRFTKIFYNQNNHYDGSTGKFHCNIPGLYYFAY  
HITVYMKDVKVSLFKKDKAMLFTYDQYQENNVDAQSGSVLLHLEVGDQVWLQVYGEGERNGLYADNDNDSTFTG  
FLLYHDTN

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.