

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:

MGHDQETTTQGPVLLPLPKGACTGWMAGIPGHPGHNGAPGRDGRDGTGPEKGEKGDPLIGPKGDIGETGVP
GAEGPRGFPGIQGRKGEPGEGAYVYRSAFSVGLETYVTIPNMPPIRFTKIFYNQNNHYDGSTGKFHCNIPGLYYFAY
HITVYMKDVKVSLFKKDKAMLFTYDQYQENNVNQASGSVLLHLEVGDQVWLQVYGEGERNGLYADNDNDSTFTG
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.