

Product information



ADIPOQ, 108-244aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2641

Full name: Adiponectin

NCBI Accession No.: NP_004788

Synonyms: C1Q and collagen domain containing ACDC, ACRP30, ADIPQTL1, ADPN, APM-1, APM1, GBP28

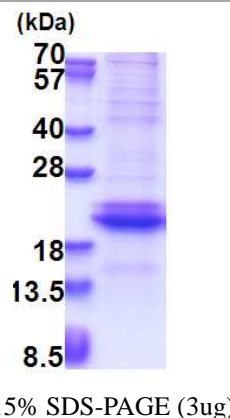
Description: ADIPOQ is expressed in adipose tissue exclusively. It encodes a protein with similarity to collagens X and VIII and complement factor C1q. This protein circulates in the plasma and is involved with metabolic and hormonal processes. Mutations in this gene are associated with adiponectin deficiency. Multiple alternatively spliced variants, encoding the same protein, have been identified. Recombinant human ADIPOQ protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing
10% glycerol, 0.4M Urea

Molecular Weight: 18.1 kDa (158 aa)

Purity: > 80 % by SDS - PAGE

Concentration: 1.0 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MAYVYRSAFS VGLETYVTIP NMPIRFTKIF YNQQNHYDGS TGKFHCNIPG LYYFAYHITV YMKDVKVSLF
KKDKAMLFTY DQYQENNVQQ ASGSVLLHLE VGDQVWLQVY GEGERNGLYA DNDNDSTFTG FLLYHDTN

General references:

Chen J., *et al.* (2006) *Diabetologica* 49 (6): 1292–302..

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA
Phone: (888) 523-1246 Fax.: (763) 780-2988
Email: info@ibl-america.com Web: www.ibl-america.com