

Product information

ADIPOQ, 106-242aa

Human, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3532

Full name: Adiponectin

NCBI Accession No.: NP_004788

Synonyms: ADIPOQ, ACDC, ACRP30, ADIPQTL1, ADPN, APM-1, APM1, GBP28

Description: ADIPOQ, as known as adiponectin, is an adipocyte-derived protein with wide ranging paracrine and dedocrine effects on metabolism and inflammation. It is induced during adipocyte differentiation, and its secretion is stimulated by insulin. This protein influences gonadotropin release, normal pregnancy, and assisted reproduction outcomes. Also, it is important factor in chronic liver diseases and chronic kidney diseases. Recombinant human ADIPOQ, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

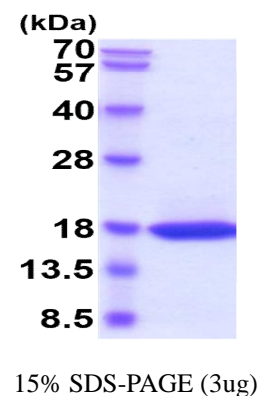
Molecular Weight: 16.9kDa (146aa)
13.5-18kDa (SDS-PAGE under reducing conditions.)

Predicted N terminal: Ala

Purity: > 95% by SDS - PAGE.

Concentration: 0.5mg/ml (determined by Absorbance at 280nm)

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



Sequences of amino acids:

ADPEGAYVYR SAFSVGLETY VTIPNMPIRF TKIFYNQNH YDGSTGKFHC NIPGLYFAY HITVYMKDVK VSLFKKDKAM LFTYDQYQEN
NVDQASGSVL LHLEVGQVW LQVYGEGERN GLYADNDNDS TFTGFLLYHD HHHHHH

General references:

Du H., *et al*, (2016) *Medicine (Baltimore)*. 95:e2700.

Yahya RS., *et al*, (2016) *Clin. Lab.* 62:21-30.

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:

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