

#### BioVendor - Laboratorní medicína a.s.

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# **PRODUCT DATA SHEET**

# **Adiponectin Human HEK293**

**Cat. No.:** RD172023100 **Size:** 0.1 mg

Source: HEK293 Type: Recombinant protein

Species: Human

#### Other Names:

Adipocyte C1q and collagen domain-containing protein, Adipocyte complement-related 30 kDa protein, ACRP30, Adipose most abundant gene transcript 1 protein, apM-1, Gelatin-binding protein, ADIPOQ, ACDC, APM1, GBP28

### **Description:**

Total 234 AA. MW 25.5 kDa (calculated). UniProtKB acc.no. Q15848 (Glu19 – Asn244). C-Terminal tag (8 extra AA).

### **Amino Acid Sequence:**

ETTTQGPGVL LPLPKGACTG WMAGIPGHPG HNGAPGRDGR DGTPGEKGEK GDPGLIGPKG DIGETGVPGA EGPRGFPGIQ GRKGEPGEGA YVYRSAFSVG LETYVTIPNM PIRFTKIFYN QQNHYDGSTG KFHCNIPGLY YFAYHITVYM KDVKVSLFKK DKAMLFTYDQ YQENNVDQAS GSVLLHLEVG DQVWLQVYGE GERNGLYADN DNDSTFTGFL LYHDTNDYKD DDDK

Glu 1 to Gln 5 were confirmed by N-terminal sequencing

#### **Purity:**

> 90 % by SDS-PAGE

# **Endotoxin:**

 $< 1.0 EU/\mu g$ 

#### Formulation:

Filtered (0.4  $\mu$ m) and lyophilized from 0.5 mg/mL solution in phosphate buffered saline, pH 7.4

### **Reconstitution:**

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely.

## Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

#### Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

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# **Quality Control:**

BCA to determine quantity of the protein. SDS PAGE to determine purity of the protein. Endotoxin level determination.

**Applications:** ELISA, Western blotting

This product is intended for research use only.

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