

## 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:

ETTTQGPVGL LPLPKGACTG WMAGIPGHPG HNGAPGRDGR DGTPGEEKGEK GDPGLIGPKG  
DIGETGVPGA EGPRGFPGIQ GRKGEPGEGA YVYRSAFVSQ LETYVTIPNM PIRFTKIFYN  
QQNHYDGSTG KFHCNIPGLY YFAYHITVYM KDVKVSFLFKK 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/μg

#### Formulation:

Filtered (0.4 μm) 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.

**Quality Control:**

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

**Applications:**

ELISA, Western blotting

**Note:**

This product is intended for research use only.