

PRODUCT DATA SHEET

Adiponectin Human E. coli

Cat. No.: RD172029100

Size: 0.1 mg

Source: E. coli

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 242 AA. MW: 26.4 kDa (calculated). UniProtKB acc.no. Q15848. N-Terminal His-tag, 12 extra AA.

Amino Acid Sequence:

MRGSHHHHHH GSGHDQETTT QGPGVLLPLP KGACTGWMAG IPGHPGHNGA PGRDGRDGTP
GEKGEKGDGP LIGPKGDIGE TGVPGAEGPR GFPGIQGRKG EPGEYAYVYR SAFSVGLETY
VTIPNMPIRF TKIFYNQONH YDGSTGKFHC NIPGLYYFAY HITVYMKDVK VSLFKKDKAM
LFTYDQYQEN NVDQASGSVL LHLEVGDAQVW LQVYGEGERN GLYADNDNDS TFTGFLLYHD TN

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/mL in 20 mM Tris buffer, 50 mM NaCl, pH 7.5

Reconstitution:

Add 200 μl of 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.