BioVendor R&D®

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PRODUCT DATA SHEET

Adiponectin Globular Human E. coli

Cat. No.: RD172112100
Source: E. coli
Species: Human
Size: 0.1 mg
Type: Recombinant protein

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 171AA. N-terminal His-tag and the protease cleavage site, 31 extra AA. The AA sequence is homologous to the amino acid sequence (105–244) of the Human full-length Adiponectin.

Amino Acid Sequence:

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MSWWHHHHHH NWNIPTTQDT TQDLWFEGAM GGEGAYVYRS AFSVGLETYV TIPNMPIRFT
KIFYNQQNHY DGSTGKFHCN IPGLYYFAYH ITVYMKDVKV SLFKKDKAML FTYDQYQENN
VDQASGSVLL HLEVGDQVWL QVYGEGERNG LYADNDNDST FTGFLLYHDT N
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Purity:
> 90 % by SDS-PAGE

Endotoxin:
< 1.0 EU/µg

Formulation:
Filtered (0.4 µm) and lyophilized in 0.5 mg/mL in 0.05 M phosphate buffer, 0.075 M NaCl, 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.