

BioVendor – Laboratorní medicína a.s.

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PRODUCT DATA SHEET

Adiponectin HMW-rich Human HEK293, Tag free

Cat. No. Size RD172023100-C 0.1 mg RD172023100-C 1mg 1 mg

Type: Recombinant protein

Source: HEK293 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 226 AA, UniProt Q15848 (Glu19 - Asn244). MW (monomer): 24.6 kDa (calculated). It migrates at 884 kDa (multimer). Glu 1 to Gln 5 were confirmed by N-terminal sequencing.

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 LYHDTN

Purity

Purity as determined by densitometric image analysis: >90%

Endotoxin

 $< 1.0 EU/\mu g$

Formulation

Filtered (0.4 μ m) and lyophilized in 20 mM Tris, 50 mM NaCl, pH 7.5 and 1mM CaCl2 at 0.5 mg/mL concentration.

Reconstitution

Add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

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

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Storage/Expiration

Store 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.

Applications

Western blotting, ELISA

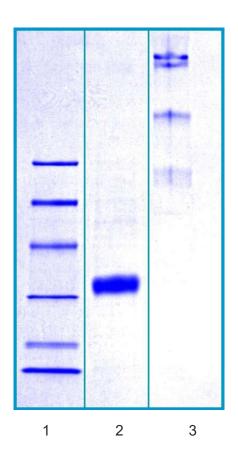
Note

This product is intended for research use only

SDS-PAGE Gel

4-20% gradient SDS-PAGE separation Adiponectin HMW-rich Human HEK293, Tag free

- 1. M.W. marker -14, 21, 31, 45, 66, 97 kDa
- 2. reduced and boiled sample, 2.5µg/lane
- 3. non-reduced and non-boiled sample, 2.5µg/lane



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