Apolipoprotein M Human HEK293

Product Data Sheet

Type: Recombinant
Source: HEK293
Species: Human
Other names: Apo M, Protein G3a, G3a, NG20

Cat. No.:
RD172129100 (0.1 mg)

Description

Total 179 AA. MW: 20 kDa (calculated), N-Terminal Flag-tag (13 extra AA). UniProt entry O95445.

Research topic

Diabetology - Other Relevant Products, Energy metabolism and body weight regulation, Immune Response, Infection and Inflammation, Lipoprotein metabolism

Amino Acid Sequence

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HVDYKDDDDK PAGCPEHSQL TTLGVDGKEF PEVHLGQWYF IAGAAPTKEE LATFDPVDNI VFNMAAGSAP MQLHLRATIR
MKDGLCVPRK WIYHLTEGST DLRTEGRPDM KTELFSSSCP GGIMLNETGQ GYQRFLLYNR SPHPPEKCVE EFKSLTSCLD
SKAFLLTPRN QEACELSNN
```

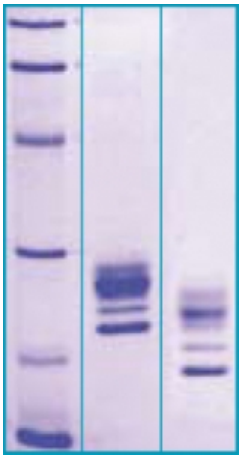
Source

HEK293

Purity

Purity as determined by densitometric image analysis > 90%

SDS-PAGE gel



12% SDS-PAGE separation of Human ApoM
1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa
2. reduced and boiled sample, 5µg/lane
3. non-reduced and non-boiled sample, 5µg/lane

Endotoxin

<1.0 EU/µg

Formulation

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

Reconstitution

Add deionized water to prepare a working stock solution of 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Shipping

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

Storage, Stability/Shelf Life

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.

Quality Control Test

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
LAL TEST to determine quantity of endotoxin.

Applications

Cell culture and/or animal studies, ELISA, Western blotting

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