

PRODUCT DATA SHEET

Apolipoprotein A5 Human HEK293

Cat. No.: RD172101100

Size: 0.1 mg

Source: HEK293

Type: Recombinant protein

Species: Human

Other Names:

Apo A5, Apo AV, Regeneration-associated protein 3, RAP3

Description:

Total 354 AA. MW: 40.1 kDa (calculated), C-Terminal Flag-tag (11 extra AA). UniProt entry Q6Q788.

Amino Acid Sequence:

RKGFWDYFSQ TSGDKGRVEQ IHQQKMAREP ATLKDSLEQD LNNMNKFLEK LRPLSGSEAP
RLPQDPVGM RQLQEELEE V KARKLPYMAE AHELVGWNLE GLRQQLKPYT MDLMEQVALR
VQELQEQLRV VGEDTKAQLL GGVDEAWALL QGLQSRVVHH TGRFKELFHP YAESLVSGIG
RHVQELHRSV APHAPASPAR LSRCVQVLSR KLTLKAKALH ARIQQNLDQL REELSRFAFAG
TGTEEGAGPD PQMLSEEV RQ RLQAFRQDTY LQIAAFTRAI DQETEEVQQQ LAPP PPGHSA
FAPEFQQTDS GKVLSKLQAR LDDLWEDITH SLHDQGHSHL GDPAAADYKD DDDK

Purity:

> 90 % by SDS-PAGE

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.

Shipping:

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

Storage/Stability:

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:

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.