

## 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 KARLPYMAE AHELVGWNLE GLRQQLKPYT MDLMEQVALR  
VQELQEQLRV VGEDTKAQLL GGVDEAWALL QGLQSRVVHH TGRFKELFHP YAESLVSGIG  
RHVQELHRSV APHAPASPAR LSRCVQVLSR KLTLKAKALH ARIQQNLDQL REELSRFAFAG  
TGTEEGAGPD PQMLSEEV RQ RLQAFRQDTY LQIAAFTRAI DQETEEVQQQ LAPPPPGHSA  
FAPEFQQTDS GKVLSKLQAR LDDLWEDITH SLHDQGHSHL GDPAAADYKD DDDK

**Purity:**

&gt; 90 % by SDS-PAGE

**Endotoxin:**

&lt; 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.