9051 Mira Mesa Blvd, #910094
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APOA5 Human, HEK

Apolipoprotein A-V Human Recombinant, HEK
CYK0047

Product Overview

Name	APOA5 Human, HEK
Description	
Apolipoprotein A-V Human Recombinant, HEK	
Accession (Primary)	Q6Q788
Synonyms	
Apolipoprotein A-V, Apo-AV, ApoA-V, Apolipoprotein A5, Regeneration-associated protein 3, APOA5, RAP3, APOAV.	
Introduction	
ApoA5 is an important regulator of serum triglyceride concentrations. An ApoA5 mouse nock-out model produced an approximately four fold increase in serum triglycerides, whereas a knock-in model human ApoA5 produced 50-70% lower concentrations of mouse serum triglycerides. Furthermore, peroxisome proliferators-activated receptoragonists, which are used clinically to lower serum triglyceride concentrations, cause increased ApoA5 mRNA expression. There is very little known about ApoA5 protein in human serum. Lately, it was established that ApoA5 is present in the human serum and it can be detected by polyclonal antibodies against both the HN2 and COOH termini, but at much lower concentration than other apolipoproteins.	
Source	
HEK293	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
APOA5 Human was filtered (0.4 µm) and lyophilized from 0.5 mg/ml supplied in 20mM TRIS and 50mM NaCl, pH 7.5	
Stability	
Store lyophilized APOA5 Human at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted APOA5 Human can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
RKGFWDYFSQ TSGDKGRVEQ IHQQKMAREP ATLKDSLEQD LNNMNKFLEK LRPLSGSEAP RLPQDPVGMR	

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RQLQEELEEV KARLQPYMAE AHELVGWNLE GLRQQLKPYT MDLMEQVALR VQELQEQLRV VGEDTKAQLL GGVDEAWALL QGLQSRVVHH TGRFKELFHP YAESLVSGIG RHVQELHRSV APHAPASPAR LSRCVQVLSR KLTLKAKALH ARIQQNLDQL REELSRAFAG TGTEEGAGPD PQMLSEEVRQ RLQAFRQDTY LQIAAFTRAI DQETEEVQQQ LAPPPPGHSA FAPEFQQTDS GKVLSKLQAR LDDLWEDITH SLHDQGHSHL GDP AAADYKD DDDK

Solubility

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

Precautions

APOA5 Human, HEK is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q6Q788)