

Recombinant Human APOA5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. APOA5-5395H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	APOA5 MS Standard C13 and N15-labeled recombinant protein (NP_443200) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is an apolipoprotein that plays an important role in regulating the plasma triglyceride levels, a major risk factor for coronary artery disease. It is a component of high density lipoprotein and is highly similar to a rat protein that is upregulated in response to liver injury. Mutations in this gene have been associated with hypertriglyceridemia and hyperlipoproteinemia type 5. This gene is located proximal to the apolipoprotein gene cluster on chromosome 11q23. Alternatively spliced transcript variants encoding the same protein have been identified.
Molecular Mass	41.2 kDa
AA Sequence	MASMAAVLTWALALLSAFSATQARKGFWDYFSQTSQDKGRVEQIHQQKMAREPAT LKDSLEQDLNMMNKFLEKLRPLSGSEAPRLPQDPVGMRRQLQEELEEVEKARLQPY MAEAHELVGWNLEGLRQQLKPYTMDLMEQVALRVQELQEQLRVVGEDTKAQLLGG VDEAWALLQGLQSRVVHHTGRFKELFHPYAESLVSGIGRHHVQELHRSVAPHAPASP ARLSRCVQVLSRKLTLKAKALHARIQQNLDQLREELSRAFAGTGTEEGAGPDPQML

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SEEVRQRLQAFRQDTYLQIAAFTRAIDQETEEVQQQLAPPPPGHSAFAPEFQQTDS
GKVLKSLQARLDDLWEDITHSLHDQGHSHLGDPTTRTRPLEQKLISEEDLAANDILDY
KDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [APOA5 apolipoprotein A-V \[Homo sapiens \(human\) \]](#)

Official Symbol [APOA5](#)

Synonyms APOA5; apolipoprotein A-V; APOA V; RAP3; apo-AV; apolipoprotein A5; regeneration-associated protein 3; APOAV; FLJ97995; MGC126836; MGC126838;

Gene ID [116519](#)

mRNA Refseq [NM_052968](#)

Protein Refseq [NP_443200](#)

MIM [606368](#)

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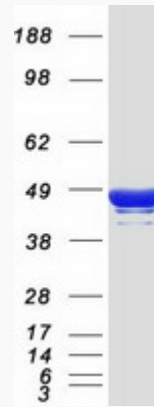
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UniProt ID

Q6Q788

SDS-PAGE



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