

Recombinant Full Length Human APOA5 Protein, GST-tagged

Cat. No. APOA5-1514HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APOA5 full-length ORF (AAI01790.1, 1 a.a. - 366 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	366 amino acids
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. [provided by RefSeq, Oct 2009]
Molecular Mass	67.6 kDa
AA Sequence	MASMAAVLTW ALALLSAFSA TQARKGFWDY FSQTSGDKGR VEQIHQQKMA REPATLKDSL EQDLNNMNKF LEKLRPLSGS EAPRLPQDPV GMRRQLQEEL EEVKARLQPY MAEAHELVGW NLEGLRQQLK PYTMDLMEQV ALRVQELQEQ LRVVGEDTKA QLLGGVDEAW ALLQGLQSRV VHHTGRFKEL FHPYAESLVS GIGRHVQELH RSVAPHAPAS PARLSRCVQV LSRKLTLKAK ALHARIQQNL

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DQLREELSRA FAGTGTEEGA GPDPQMLSEE VRQRLQAFRQ DTYLQIAAFT
RAIDQETEEV QQQLAPPPPG HSAFAPEFQQ TDSGKVLSKL QARLDDLWED
ITHSLHDQGH SHLGDP

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

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

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_001166598](#)

Protein Refseq

[NP_001160070](#)

MIM

[606368](#)

UniProt ID

[Q6Q788](#)

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