

Recombinant Full Length Human APOA4 Protein, GST-tagged

Cat. No. APOA4-1124HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APOA4 full-length ORF (AAH74764.1, 1 a.a. - 396 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	396 amino acids
Description	Apolipoprotein (apo) A-IV gene contains 3 exons separated by two introns. A sequence polymorphism has been identified in the 3'UTR of the third exon. The primary translation product is a 396-residue preprotein which after proteolytic processing is secreted its primary site of synthesis, the intestine, in association with chylomicron particles. Although its precise function is not known, apo A-IV is a potent activator of lecithin-cholesterol acyltransferase in vitro. [provided by RefSeq, Jul 2008]
Molecular Mass	71.8 kDa
AA Sequence	MFLKAVVLT ALVAVAGARA EVSADQVATV MWDYFSQLSN NAKEAVEHLQ KSELTQQLNA LFQDKLGEVN TYAGDLQKKL VPFATELHER LAKDSEKLKE EIGKELEELR ARLLPHANEV SQKIGDNLRE LQQRLEPYAD QLRTQVNTQA EQLRRQLTPY AQRMERVLRE NADSLQASLR PHADELKAKI DQNVEELKGR LTPYADEFEKV KIDQTVEELR RSLAPYAQDT QEKLNHQLEG LTFQMKKNAE ELKARISASA EELRQRLAPL AEDVRGNLRG NTEGLQKSLA ELGGHLDQQV EEFRRRVEPY GENFNKALVQ QMEQLRQKLG PHAGDVEGHL SFLEKDLRDK

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VNSFFSTFKE KESQDKTSL PELEQQQEQQ QEQQQEQQVQM LAPLES

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

[APOA4 apolipoprotein A-IV \[Homo sapiens \]](#)

Official Symbol

[APOA4](#)

Synonyms

APOA4; apolipoprotein A-IV; apo-AIV; apoA-IV; apolipoprotein A4; MGC142154;
MGC142156

Gene ID

[337](#)

mRNA Refseq

[NM_000482](#)

Protein Refseq

[NP_000473](#)

MIM

[107690](#)

UniProt ID

[P06727](#)

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