

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	MFLKAVVLTALVAVAGARAEVSADQVATVMWDYFSQLSNNAKEAVEHLQ KSELTQQLNALFQDKLGEVNTYAGDLQKKLVFPATELHERLAKDSEKLKE EIGKELEELRARLLPHANEVSQKIGDNLRELQQRLEPYADQLRTQVNTQA EQLRRQLTPYAQRMERVLRENADSLQASLRPHADELKAKIDQNVEELKGR LTPYADEFKVKIDQTVEELRSLAPYAQDTQEKLNHQLEG LTFQMKKNAE ELKARISASAEELRQRLAPLAEDVRGNLRGNTEGLQKSLAELGGHLDQQV EEFRRRVEPYGENFNKALVQQMEQLRQKLGPHAGDVEGHL 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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