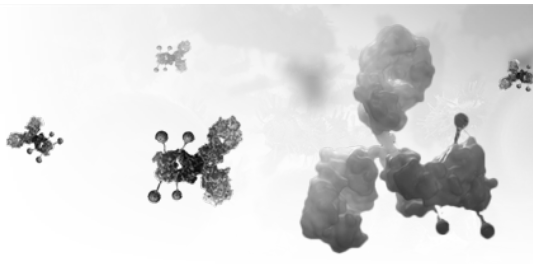

Human APOA4 peptide (DAG-P0176)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Apoliprotein (apo) A-IV gene contains 3 exons separated by two introns. A sequence polymorphism has been identified in the 3UTR 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]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	APOA4 apolipoprotein A-IV [Homo sapiens (human)]
Official Symbol	APOA4
Synonyms	APOA4; apolipoprotein A-IV; apo-AIV; apoA-IV; apolipoprotein A4;
Entrez Gene ID	337
mRNA Refseq	NM_000482.3
Protein Refseq	NP_000473.2

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Chromosome Location	11q23
Pathway	Amyloids, organism-specific biosystem; Chylomicron-mediated lipid transport, organism-specific biosystem; Disease, organism-specific biosystem; Diseases associated with visual transduction, organism-specific biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Me
Function	antioxidant activity; cholesterol transporter activity; copper ion binding; lipid binding; lipid transporter activity; phosphatidylcholine binding; phosphatidylcholine-sterol O-acyltransferase activator activity; protein homodimerization activity;

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