

Recombinant Full Length Human APOD Protein, GST-tagged

Cat. No. APOD-1129HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APOD full-length ORF (BAG35026.1, 1 a.a. - 189 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	189 amino acids
Description	This gene encodes a component of high density lipoprotein that has no marked similarity to other apolipoprotein sequences. It has a high degree of homology to plasma retinol-binding protein and other members of the alpha 2 microglobulin protein superfamily of carrier proteins, also known as lipocalins. This glycoprotein is closely associated with the enzyme lecithin:cholesterol acyltransferase - an enzyme involved in lipoprotein metabolism. [provided by RefSeq, Aug 2008]
Molecular Mass	47.19 kDa
AA Sequence	MVMLLLLLSA LAGLFGAAEG QAFHLGKCPN PPVQENFDVN KYLGRWYEIE KIPTTFENGR CIQANYSLME NGKIKVLNQE LRADGTVNQI EGEATPVNLT EPAKLEVKFS WFMPSAPYWI LATDYENYAL VYSCTCIIQL FHVDFAWILA RNPNLPPETV DSLKNILTSN NIDVKKMTVT DQVNCPKLS
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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GENE INFORMATION

Gene Name	APOD apolipoprotein D [Homo sapiens]
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Official Symbol	APOD
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Synonyms	APOD; apolipoprotein D; apo-D
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Gene ID	347
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mRNA Refseq	NM_001647
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Protein Refseq	NP_001638
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MIM	107740
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UniProt ID	P05090
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