

Recombinant Human APOD Protein, His-tagged

Cat. No. APOD-192H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOD fused with His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Form	Lyophilized from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, pH 7.2
Molecular Mass	20.34kD
AA Sequence	QAFHLGKCPNPPVQENFDVNKYLGRWYEIEKIPTTFENGRCIQANYSLMENGKIKVL NQELRADGTVNQIEGEATPVNLTEPAKLEVKFSWFMPSAPYWILATDYENYALVYSC TCIIQLFHVDFAWILARNPNLPPETVDSLKNILTSNNIDVKKMTVTDQVNCPKLSVDHH HHHH
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
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Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
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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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