

Recombinant Full Length Human APOD Protein, C-Flag-tagged

Cat. No. APOD-1603HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human APOD Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	21.1 kDa
AA Sequence	MVMLLLLLSALAGLFGAAEGQAFHLGKCPNPPVQENFDVNKYLGRWYEIEKIPTTFE NGRCIQANYSLME NGKIKVLNQELRADGTVNQIEGEATPVNLTEPAKLEVKFSWFM PSAPYWILATDYENYALVYSCTCIIQL FHVDFAWILARNPNLPPETVDSLKNILTSNNIDVKKMTVTDQVNC PKLSTRTRPLEQK LISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein
Full Length	Full L.

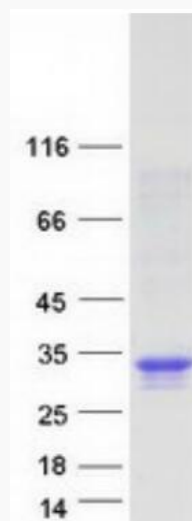
GENE INFORMATION

Gene Name	APOD apolipoprotein D [Homo sapiens (human)]
Official Symbol	APOD
Synonyms	apolipoprotein D
Gene ID	347
mRNA Refseq	NM_001647.4
Protein Refseq	NP_001638.1
MIM	107740
UniProt ID	P05090

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Coomassie blue staining of purified APOD protein.

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