

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

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

## SPECIFICATION

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

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

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">APOD apolipoprotein D [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">APOD</a>
<b>Synonyms</b>	apolipoprotein D
<b>Gene ID</b>	<a href="#">347</a>
<b>mRNA Refseq</b>	<a href="#">NM_001647.4</a>
<b>Protein Refseq</b>	<a href="#">NP_001638.1</a>
<b>MIM</b>	<a href="#">107740</a>
<b>UniProt ID</b>	<a href="#">P05090</a>

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