

Recombinant Human APOO Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. APOO-4268H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	APOO MS Standard C13 and N15-labeled recombinant protein (NP_077027) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a member of the apolipoprotein family. Members of this protein family are involved in the transport and metabolism of lipids. The encoded protein associates with HDL, LDL and VLDL lipoproteins and is characterized by chondroitin-sulfate glycosylation. This protein may be involved in preventing lipid accumulation in the myocardium in obese and diabetic patients. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 3, 4, 5, 12 and 16.
Molecular Mass	22.3 kDa
AA Sequence	MFKVIQRSVGPASLSLLTFKVYAAPKKDSPPKNSVKVDELSLYSVPEGQSKYVEEAR SQLEESISQLRHYCEPYTTWCQETYSQTKPKMQSLVQWGLDSYDYLQNAPPGFFP RLGVIGFAGLIGLLLARGSKIKKLVYPPGFMGLAASLYYPQQAIVFAQVSGERLYDWG LRGYIVIEDLWKENFQKPGNVKNSPGTKTRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

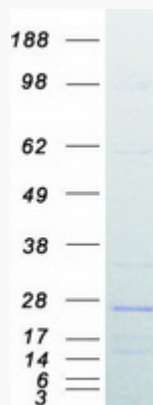
GENE INFORMATION

Gene Name	APOO apolipoprotein O [Homo sapiens (human)]
Official Symbol	APOO
Synonyms	APOO; apolipoprotein O; FAM121B, family with sequence similarity 121B; MGC4825; My025; brain my025; family with sequence similarity 121B; FAM121B;
Gene ID	79135
mRNA Refseq	NM_024122
Protein Refseq	NP_077027
MIM	300753
UniProt ID	Q9BUR5

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SDS-PAGE

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