

Full-Length

APOO (Human) Recombinant Protein (P01)

Catalog # H00079135-P01

Size 50 ug

Specification

Product Description	Human APOO full-length ORF (BAG34806.1, 1 a.a. - 198 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MFKVIQRSVGPASLSLLTFKVYAAPKKDSPPKNSVKVDELSLYSVPEGQSKYVEEARSQLEESIS QLRHYCEPYTTWCQETYSQTKPKMQSLVQWGLDSYDYLQNAPPGFFPRLGVIGFAGLIGLLLARG SKIKKLVPYPPGFMGLAASLYPQQAIMFAQVSGERLYDWGLRGYVIEDLWKENFQKPGNVKNSPG TK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48.18
Interspecies Antigen Sequence	Mouse (82); Rat (80)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — APOO

Entrez GeneID [79135](#)

GeneBank Accession# [AK311865.1](#)

Protein Accession# [BAG34806.1](#)

Gene Name APOO

Gene Alias FAM121B, MGC4825, MYO25, My025

Gene Description apolipoprotein O

Gene Ontology [Hyperlink](#)

Gene Summary 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

Other Designations OTTHUMP00000023073|family with sequence similarity 121B

Disease

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- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
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