

Recombinant Human APOO protein, GST-tagged

Cat. No. APOO-719H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human APOO full-length ORF (BAG34806.1, 1 a.a. - 198 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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.[provided by RefSeq, Sep 2009]
Molecular Mass	48.18 kDa
AA Sequence	MFKVIQRSVGPASLSLLTFKVYAAPKKDSPPKNSVKVDELSLYSVPEGQSKYVEEAR SQLEESISQLRHYCEPYTTWCQETYSQTKPKMQSLVQWGLDSYDYLQNAPPGFFP RLGVIGFAGLIGLILLARGSKIKKLVYPPGFMGLAASLYYPQQAIVFAQVSGERLYDWG LRGYIVIEDLWKENFQKPGNVKNSPGTK
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	APOO apolipoprotein O [Homo sapiens]
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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