

Product datasheet for **TP301451M**

Apolipoprotein O (APOO) (NM_024122) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human apolipoprotein O (APOO), transcript variant 1, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC201451 protein sequence
Red=Cloning site Green=Tags(s)

MFKVIQRSVGPASLSLLTFKVYAAPKKDSPPKNSVKVDELSTLYSVPEGQSKYVEEARSQLEESISQLRHY
CEPYTTWCQETYSQTKPKMQSLVQWGLDSYDYLQNAPPGFFPRLGVIGFAGLIGLLLARGSKIKKLVYPP
GFMGLAASLYPQQAIVFAQVSGERLYDWGLRGYIVIEDLWKENFQKPGNVKNSPGTK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 19.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_077027](#)

Locus ID: 79135

UniProt ID: [Q9BUR5](#)

RefSeq Size: 1134



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Cytogenetics: Xp22.11

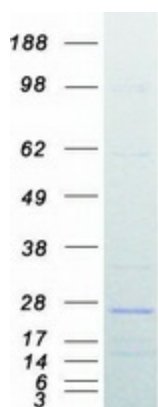
RefSeq ORF: 594

Synonyms: FAM121B; Mic23; MIC26; MICOS26; My025

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.[provided by RefSeq, Sep 2009]

Protein Families: Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified APOO protein (Cat# [TP301451]). The protein was produced from HEK293T cells transfected with APOO cDNA clone (Cat# [RC201451]) using MegaTran 2.0 (Cat# [TT210002]).