

Product datasheet for PH301451

Apolipoprotein O (APOO) (NM_024122) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	APOO MS Standard C13 and N15-labeled recombinant protein (NP_077027)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201451
Predicted MW:	22.3 kDa
Protein Sequence:	>RC201451 protein sequence Red=Cloning site Green=Tags(s) MFKVIQRSVGPASLSLLTFKVYAAPKKDSPPKNSVKVDELSLYSVPEGQSKYVEEARSQLEESISQLRHY CEPYTTWCQETYSQTKPKMQSLVQWGLDSYDYLQNAPPGFFPRLGVIGFAGLIGLLLARGSKIKKLVYPP GFMGLAASLYYPQQAIVFAQVSGERLYDWGLRGYIVIEDLWKENFQKPGNVKNSPGTK TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_077027</u>
RefSeq Size:	1134
RefSeq ORF:	594
Synonyms:	FAM121B; Mic23; MIC26; MICOS26; My025
Locus ID:	79135
UniProt ID:	<u>Q9BUR5</u>



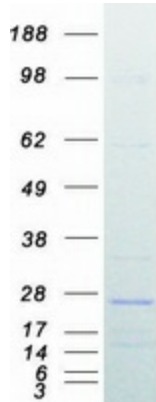
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Cytogenetics: Xp22.11

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]).