

Product Information

MemDX™ Membrane Protein Human APOL1 (Apolipoprotein L1 expressed in *in vitro* wheat germ expression system) for Antibody Discovery

Cat. No.: **MP0049X**

This product is for research use only and is not intended for diagnostic use.

This product is a 52.4 kDa Human APOL1 membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

APOL1

Protein Length

Full-length

Molecular Weight

52.4 kDa

Sequence

MEGAALLRVSVLCIWMSALFLGVGVRAEEAGARVQQNVPSGTDGDPQSKPLGDWAAGTMDPESSIFIEDAIKYFKEKVSTQNLL

Product Description

Application

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

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

APOL1

Full Name

Apolipoprotein L1

Introduction

This gene encodes a secreted high density lipoprotein which binds to apolipoprotein A-I. Apolipoprotein A-I is a relatively abundant plasma protein and is the major apoprotein of HDL. It is involved in the formation of most cholesteryl esters in plasma and also promotes efflux of cholesterol from cells. This apolipoprotein L family member may play a role in lipid exchange and transport throughout the body, as well as in reverse cholesterol transport from peripheral cells to the liver. Several different transcript variants encoding different isoforms have been found for this gene

Alternative Names

APO-L; APOL; APOL-I; OTTHUMP00000028705; apolipoprotein L-I; apolipoprotein L1

Gene ID

[8542](#)

UniProt ID

[Q14791](#)