

Product Information

MemDX™ Membrane Protein Human APOL3 (Apolipoprotein L3) for Antibody Discovery

Cat. No.: **MP0050X**

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

This product is a 62.9 kDa Human APOL3 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

APOL3

Protein Length

Full-length

Molecular Weight

62.9 kDa

Sequence

MDSEKKRFTTEATKYFRERVSPLVHLQILLTNNEAWKRFVTAAELPRDEADALYEALKKLRTYAAIEDEYVQQKDEQFREWFLKEFP

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**

APOL3

Full Name

Apolipoprotein L3

Introduction

This gene is a member of the apolipoprotein L gene family, and it is present in a cluster with other family members on chromosome 22. The encoded protein is found in the cytoplasm, where it may affect the movement of lipids, including cholesterol, and/or allow the binding of lipids to organelles. In addition, expression of this gene is up-regulated by tumor necrosis factor-alpha in endothelial cells lining the normal and atherosclerotic iliac artery and aorta. Alternative splicing results in multiple transcript variants

Alternative Names

APOLIII; CG12-1; OTTHUMP00000028913; TNF-inducible protein CG12-1; apolipoprotein L-III; apolipoprotein L3

Gene ID

[80833](#)

UniProt ID

[O95236](#)