

Product Information

MemDX™ Membrane Protein Human MTTP (Microsomal triglyceride transfer protein) for Antibody Discovery

Cat. No.: **MP0727X**

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

This product is a 43.3 kDa Human MTTP 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

MTTP

Protein Length

Full-length

Molecular Weight

43.3 kDa

Sequence

MILLAVLFLCFISSYSASVKGHTTGLSLNNDRLYKLTYSTEVLLDRGKGKLQDSVGYRISSNVDVALLWRNPDGDDDQLIQITMKDVN

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

MTTP

Full Name

Microsomal triglyceride transfer protein

Introduction

MTP encodes the large subunit of the heterodimeric microsomal triglyceride transfer protein. Protein disulfide isomerase (PDI) completes the heterodimeric microsomal triglyceride transfer protein, which has been shown to play a central role in lipoprotein assembly. Mutations in MTP can cause abetalipoproteinemia

Alternative Names

ABL; MTP

Gene ID

[4547](#)

UniProt ID

[P55157](#)