

Product Information

MemDX™ Membrane Protein Human SLC25A16 (Solute carrier family 25 member 16) for Antibody Discovery

Cat. No.: **MP1181X**

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

This product is a 62.6 kDa Human SLC25A16 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

SLC25A16

Protein Length

Full-length

Molecular Weight

62.6 kDa

TMD

6

Sequence

MAAATAAAALAAADPPPAMPQAAGAGGPTTTRDFYWLRSFLAGGIAGCCAKTTVAPLDRVKVLLQAHNHHYKHLGVFSALRAVPQ

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

Protein Format

Liposome

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

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

Target

Target Protein

SLC25A16

Full Name

Solute carrier family 25 member 16

Introduction

This gene encodes a protein that contains three tandemly repeated mitochondrial carrier protein domains. The encoded protein is localized in the inner membrane and facilitates the rapid transport and exchange of molecules between the cytosol and the mitochondrial matrix space. This gene has a possible role in Graves' disease.

Alternative Names

GDA; GDC; ML7; hML7; HGT.1; D10S105E; graves disease carrier protein; mitochondrial solute carrier protein homolog; solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), member 16

Gene ID

[8034](#)

UniProt ID

[P16260](#)