

Product Information

MemDX™ Membrane Protein Human SLC25A3 (Solute carrier family 25 member 3)

expressed in *In vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP1189X**

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

This product is a 65.45 kDa Human SLC25A3 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

SLC25A3

Protein Length

Full-length

Molecular Weight

65.45 kDa

TMD

6

Sequence

MFSSVAHLARANPFNTPHLQLVHDGLGDLRSSSPGPTGQPRRPRNLAAAVEEYSCEFGSAKYYALCGFGGVLSCGLTHTAVVPL

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**

SLC25A3

Full Name

Solute carrier family 25 member 3

Introduction

The protein encoded by this gene catalyzes the transport of phosphate into the mitochondrial matrix, either by proton cotransport or in exchange for hydroxyl ions. The protein contains three related segments arranged in tandem which are related to those found in other characterized members of the mitochondrial carrier family. Both the N-terminal and C-terminal regions of this protein protrude toward the cytosol. Multiple alternatively spliced transcript variants have been isolated.

Alternative Names

PHC; PTP; OK/SW-cl.48; phosphate carrier protein, mitochondrial; phosphate transport protein; solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 3

Gene ID

[5250](#)

UniProt ID

[Q00325](#)