

# 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**

MFSSVAHLARANPFNTPHLQLVHDGLGDLRSSSPGPTGQPRRPRNLAAAEEYSCEFGSAKYYALCGFGGVLCGLHTAVVPL

### **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](#)