

# Product Information

## MemDX™ Membrane Protein Human SLC30A2 (Solute carrier family 30 member 2)

### Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX2446K**

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

This product is a Human SLC30A2 membrane protein expressed *in vitro* E.coli 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

SLC30A2

#### Protein Length

Full Length

#### Protein Class

Transport

#### TMD

5

#### Sequence

MEAKEKQHLLDARPAIRSYTGSLWQEGAGWIPLPRPGLDLQAIELAAQSNHHCHAQKGPDSHCDPKKGKAQRQLYVASAICLLFM

### Product Description

#### Expression Systems

*in vitro* E.coli expression system

#### Tag

10xHis tag at the N-terminus

#### Protein Format

Soluble

#### Form

Liquid or Lyophilized powder

#### Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

### **Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

### **Target**

#### **Target Protein**

SLC30A2

#### **Full Name**

Solute carrier family 30 member 2

#### **Introduction**

The protein encoded by this gene is a zinc transporter that acts as a homodimer. The encoded protein plays a role in secreting zinc into breast milk. Two transcript variants encoding different isoforms have been found for this gene.

#### **Alternative Names**

SLC30A2; TNZD; ZNT2; ZnT-2; PP12488; zinc transporter 2; solute carrier family 30 (zinc transporter), member 2; Solute carrier family 30 member 2

#### **Gene ID**

[7780](#)

#### **UniProt ID**

[Q9BRI3](#)