

Product Information

MemDX™ Membrane Protein Human SLC17A3 (Solute carrier family 17 member 3) for Antibody Discovery

Cat. No.: **MP1152X**

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

This product is a 72.5 kDa Human SLC17A3 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

SLC17A3

Protein Length

Full-length

Molecular Weight

72.5 kDa

TMD

8

Sequence

MATKTELSPTARESKNAQDMQVDETLIPRKVPSLCSARYGIALVLHFCNFTTIAQNVIMNITMVAMVNSTSPQSQLNDSSEVLVPVDSF

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

SLC17A3

Full Name

Solute carrier family 17 member 3

Introduction

The protein encoded by this gene is a voltage-driven transporter that excretes intracellular urate and organic anions from the blood into renal tubule cells. Two transcript variants encoding different isoforms have been found for this gene. The longer isoform is a plasma membrane protein with transporter activity while the shorter isoform localizes to the endoplasmic reticulum.

Alternative Names

NPT4; GOUT4; UAQTL4; sodium-dependent phosphate transport protein 4; Na(+)/PI cotransporter 4; sodium/phosphate cotransporter 4; solute carrier family 17 (organic anion transporter), member 3; solute carrier family 17 (sodium phosphate), member 3

Gene ID

[10786](#)

UniProt ID

[Q00476](#)