

Product Information

MemDX™ Membrane Protein Human SLC39A4 (Solute carrier family 39 member 4)

Expressed *in vitro* E.coli expression system, Full Length of Mature Protein

Cat. No.: **MPX2836K**

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

This product is a Human SLC39A4 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

SLC39A4

Protein Length

Full Length of Mature Protein

Protein Class

Transport

TMD

6

Sequence

SPPAGLLSLLTSGQGALDQEALGGLLNTLADRVHCANGPCGKCLSVEDALGLGEPEGSGLPVLEARYVARLSAAVLYLSNPE

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

SLC39A4

Full Name

Solute carrier family 39 member 4

Introduction

This gene encodes a member of the zinc/iron-regulated transporter-like protein (ZIP) family. The encoded protein localizes to cell membranes and is required for zinc uptake in the intestine. Mutations in this gene result in acrodermatitis enteropathica. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

SLC39A4; AEZ; ZIP4; AWMS2; zinc transporter ZIP4; solute carrier family 39 (zinc transporter), member 4; zrt- and Irt-like protein 4; Solute carrier family 39 member 4

Gene ID

[55630](#)

UniProt ID

[Q6P5W5](#)