

Product Information

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

Length

Cat. No.: **MPC0847K**

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

This product is a 68.4 kDa Human SLC39A4 membrane protein expressed in HEK293. 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

Protein Class

Transporter

Molecular Weight

68.4 kDa

TMD

6

Sequence

MASLVSLLELGLLLAVLVVTATASPPAGLLSLLTSGQGALDQEALGGLLNT
LADRVHCANGPCGKCLSVEDALGLGEPEGSGLPVLEARYVARLSAAA
VLYLSNPEGTCEDARAGLWASHADHLLALLESPKALTPGLSWLLQRMQAR
AAGQTPKMACVDIPQLLEEAVGAGAPGSAGGVLAALLDHVRSGSCFHALP
SPQYFVDFVFQQHSSEVPMTLAELSALMQRLGVGREAHSDHSHRHRGASS
RDPVPLISSNSSSSVWDTVCLSDRVMAAYGLSEQAGVTPEAWAQLSPAL
LQQQLSGACTSQSRPPVQDQLSQSERYLYGSLATLLICLCAVFGLLLLTC
TGCRGVTHYILQTFLSLAVGAVTGDVHLHTPKVLGLHTHSEEGLSQPQT
WRLLAMLAGLYAFFLFENLFNLLPRDPEDLEDGPCGHSSSHSHGGHSHGV
SLQLAPSELRQPKPPHEGSRADLVAEESPELLNPEPRRLSPELRLLPYMI
TLGDAVHNFADGLAVGAFASSWKTGLATSLAVFCHELPHELGDFAALLH
AGLSVRQALLLNALASALTAFAGLYVALAVGVSESEAWILAVATGLFLYV
ALCDMLPAMLKVRDPRPWLLFLLHNVGLLGGWTVLLLLLSLYEDDITF

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°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

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

Gene ID

[55630](#)

UniProt ID

[Q6P5W5](#)