

Product Information

MemDX™ Membrane Protein Human SLC39A7 (Solute carrier family 39 member 7) Full

Length

Cat. No.: **MPC1795K**

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

This product is a 50.1 kDa Human SLC39A7 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

SLC39A7

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

50.1 kDa

TMD

6

Sequence

MARGLGAPHWWAVGLLTWATLGLLVAGLGGHDDLHDDLQEDFHGHSHRHS
HEDFHHGHSHAHGHGHGTHESIWHGHTHDHDHGHSHEDLHHGHSHGYSHES
LYHRGHGHDHEHSHGGYGESGAPGIKQDLDAVTLWAYALGATVLISAAPF
FVLFIPVESNSPRHRSLLQILLSFASGGLLGDAFLHLIPHALEPHSHHT
LEQPGHGHSHSGQPILSVGLWVLSGIVAFVLVEKFVRHVKGKGHGHSHGH
GHAHSHTRGSHGHGRQERSTKEKQSSEEEKETRGVQKRRGGSTVPKDGP
VRPQNAEEEEKRGLDLRVSGYLNLAADLAHNFTDGLAIGASFRGGRGLGIL
TTMTVLLHEVPHEVGDFAILVQSGCSKKQAMRLQLLTAVGALAGTACALL
TEGGAVGSEIAGGAGPGWVLPFTAGGFYVATVSVLPELLREASPLQSLL
EVLGLLGGVIMMVLIHLE

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**

SLC39A7

Full Name

Solute carrier family 39 member 7

Introduction

The protein encoded by this gene transports zinc from the Golgi and endoplasmic reticulum to the cytoplasm. This transport may be important for activation of tyrosine kinases, some of which could be involved in cancer progression. Therefore, modulation of the encoded protein could be useful as a therapeutic agent against cancer. Alternative splicing results in multiple transcript variants.

Alternative Names

SLC39A7; KE4; HKE4; ZIP7; RING5; H2-KE4; D6S115E; D6S2244E; zinc transporter SLC39A7; HLA class II region expressed gene KE4; Ke4 gene, mouse, human homolog of; histidine-rich membrane; protein Ke4; really interesting new gene 5 protein; solute carrier family 39 (zinc transporter), member 7; zrt-, Irt-like protein 7; Solute carrier family 39 member 7

Gene ID

[7922](#)

UniProt ID

[Q92504](#)