

Product Information

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

Cat. No.: **MP0247J**

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

This product is a 49.9 kDa Human SLC39A7 membrane protein expressed in HEK293T. 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

Transmembrane

Molecular Weight

49.9 kDa

TMD

6

Sequence

MARGLGAPHWAVGLLTWATLGLLVAGLGGHDDLHDDLQEDFHGHSHRHSHEDFHGHSHAHGHGHTHE
IWHGHTHDHDGHSHEDLHHGHSGYSHESLYHRGHGHDEHSHGGYGESGAPGIKQDLDAVTLWAYALG
ATVLISAAPFFVLFILIPVESNSPRHRSLLQILLSFASGGLLGDAFLHLIPHALEPHSHHTLEQPGHGHSH
SGQGPILSVGLWVLSGIVAFLVVEKFVRHVKGHGHSHGHAHSHTRGSHGHGRQERSTKEKQSSEEEE
KETRGVQKRRGGSTVPKDPGPVRPQNAEEEKRGQLDLRVSGYLNLAADLAHNFTDGLAIGASFRGGRGLGIL
TTMTVLLHEVPHEVGDFAILVQSGCSKKQAMRLQLLAVGALAGTACALLTEGGAVGSEIAGGAGPGWVL
PFTAGGFIYVATVSVLPELLREASPLQSLLEVGLLGGVIMMVIAHLE

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

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

KE4; HKE4; ZIP7; RING5; H2-KE4; D6S115E; D6S2244E; HLA class II region expressed gene KE4; zrt-, Irt-like protein 7; zinc transporter SLC39A7

Gene ID

[7922](#)

UniProt ID

[Q92504](#)