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Product Information

MemDX™ Membrane Protein Human SLC39A7 (Solute carrier family 39 member 7, 32-469 aa) for Antibody Discovery

Cat. No.: **MP1237X**
This product is for research use only and is not intended for diagnostic use.

This product is a 73.7 kDa Human SLC39A7 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
SLC39A7

Protein Length
Full-length

Molecular Weight
73.7 kDa

TMD
6

Sequence
DDLHDDLQEDFHGHSHRHSHEDFHHGHSHAHGHGHTHESIWHGHTHDHDHGHSHEDLHHGHSHGYSHESLYHRGHGHDHEHS

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

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; 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

Gene ID

7922

UniProt ID

Q92504

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