SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human SLC39A5 (Solute carrier family 39 member 5) expressed in *In vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP1236X**
This product is for research use only and is not intended for diagnostic use.

This product is a 82.83 kDa Human SLC39A5 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
SLC39A5

Protein Length
Full-length

Molecular Weight
82.83 kDa

TMD
6

Sequence
VGGSVPNLGPAEQEQNHYLAQLFGLYGENGTLTAGGLARLLHSLGLGRVQGLRLGQHGPLTGRAASPAADNSTHRPQNPELSVD

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

SLC39A5

Full Name

Solute carrier family 39 member 5

Introduction

The protein encoded by this gene belongs to the ZIP family of zinc transporters that transport zinc into cells from outside, and play a crucial role in controlling intracellular zinc levels. Zinc is an essential cofactor for many enzymes and proteins involved in gene transcription, growth, development and differentiation. Mutations in this gene have been associated with autosomal dominant high myopia (MYP24). Alternatively spliced transcript variants have been found for this gene.

Alternative Names

ZIP5; MYP24; LZT-Hs7; zinc transporter ZIP5; solute carrier family 39 (metal ion transporter), member 5; solute carrier family 39 (zinc transporter), member 5; zrt- and Irt-like protein 5

Gene ID

283375

UniProt ID

Q6ZMH5

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