

Product Information

MemDX™ Membrane Protein Human SLC1A3 (Solute carrier family 1 member 3, 1-542 aa) for Antibody Discovery

Cat. No.: **MP1160X**

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

This product is a 85.9 kDa Human SLC1A3 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

SLC1A3

Protein Length

Full-length

Molecular Weight

85.9 kDa

TMD

8

Sequence

MTKSNGEETPKMGGRMERFQQGVSKRTLLAKKKVQNITKEDVKSILFRNAFVLLTVTAVIVGTILGFTLRPYRMSYREVKYFSFPGEL

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

SLC1A3

Full Name

Solute carrier family 1 member 3

Introduction

This gene encodes a member of a member of a high affinity glutamate transporter family. This gene functions in the termination of excitatory neurotransmission in central nervous system. Mutations are associated with episodic ataxia, Type 6. Alternative splicing results in multiple transcript variants.

Alternative Names

EA6; EAAT1; GLAST; GLAST1; excitatory amino acid transporter 1; GLAST-1; sodium-dependent glutamate/aspartate transporter 1; solute carrier family 1 (glial high affinity glutamate transporter), member 3

Gene ID

[6507](#)

UniProt ID

[P43003](#)