

Product Information

MemDX™ Membrane Protein Human SLC6A7 (Solute carrier family 6 member 7) for Antibody Discovery

Cat. No.: **MP1260X**

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

This product is a 97.3 kDa Human SLC6A7 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

SLC6A7

Protein Length

Full-length

Molecular Weight

97.3 kDa

TMD

12

Sequence

MKKLQGAHLRKPVTPDLLMTPSDQGVDLDVDFAAHRGNWTGKLDLFLSCIGYCVGLGNVWRFPYRAYTNGGGAFLVPYFLMLA

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**

SLC6A7

Full Name

Solute carrier family 6 member 7

Introduction

This gene is a member of the gamma-aminobutyric acid (GABA) neurotransmitter gene family and encodes a high-affinity mammalian brain L-proline transporter protein. This transporter protein differs from other sodium-dependent plasma membrane carriers by its pharmacological specificity, kinetic properties, and ionic requirements.

Alternative Names

PROT; sodium-dependent proline transporter; brain-specific L-proline transporter; solute carrier family 6 (neurotransmitter transporter, L-proline), member 7

Gene ID

[6534](#)

UniProt ID

[Q99884](#)