

## Product Information

**MemDX™ Membrane Protein Human SLC1A3 (Solute carrier family 1 member 3) Expressed in *E.coli* with 6xHis and KSI tag at the N-terminus for Antibody Discovery, Partial (146-236aa)**

Cat. No.: **MPX4163K**

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

This product is a 25.5 kDa Human SLC1A3 membrane protein expressed in *E.coli*. 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

Partial (146-236aa)

#### Protein Class

Transporter

#### Molecular Weight

25.5 kDa

#### TMD

8

#### Sequence

HPGKGTKENMHREGKIVRVTAADAFLDLIRNMFPNLEACFKQFKTNYEKRSFKVPIQANETLVGAVINNVSEAMETLTRITEELVP

### Product Description

#### Expression Systems

*E.coli*

#### Tag

6xHis and KSI tag at the N-terminus

#### Protein Format

Soluble

**Form**

Liquid or Lyophilized powder

**Purity**

>85% as determined by SDS-PAGE.

**Buffer**

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Storage**

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

**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; SLC1A3; Solute carrier family 1 member 3

**Gene ID**

[6507](#)

**UniProt ID**

[P43003](#)