

# Product Information

## MemDX™ Membrane Protein Human SLC6A16 (Solute carrier family 6 member 16) for Antibody Discovery

Cat. No.: **MP1256X**

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

This product is a 99.9 kDa Human SLC6A16 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

SLC6A16

#### Protein Length

Full-length

#### Molecular Weight

99.9 kDa

#### TMD

12

#### Sequence

MKTEAQPSTSLANTSWTGTVISDSVPGSQTWEDKGSLTRSATSWTSEAQVSAARVAEAQARTSQPKQISVLEALTASALNQKPTH

### 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**

SLC6A16

**Full Name**

Solute carrier family 6 member 16

**Introduction**

SLC6A16 shows structural characteristics of an Na(+)- and Cl(-)-dependent neurotransmitter transporter, including 12 transmembrane (TM) domains, intracellular N and C termini, and large extracellular loops containing multiple N-glycosylation sites.

**Alternative Names**

NT5; NTT5; orphan sodium- and chloride-dependent neurotransmitter transporter NTT5; CTC-301O7.4; solute carrier family 6 (neurotransmitter transporter), member 16

**Gene ID**

[28968](#)

**UniProt ID**

[Q9GZN6](#)