

## Product Information

### MemDX™ Membrane Protein Human STX16 (Syntaxin 16) expressed in *In vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP1305X**

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

This product is a 61.2 kDa Human STX16 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

STX16

##### Protein Length

Full-length

##### Molecular Weight

61.2 kDa

##### TMD

1

##### Sequence

MATRRLTDAFLLRNNSIQNRQLLAEQLADDRMALVSGISLDPEAAIGVTKRPPPKWVDGVDEIQYDVGRIKQKMKEASLHDKHLN

#### 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

STX16

### Full Name

Syntaxin 16

### Introduction

This gene encodes a protein that is a member of the syntaxin or t-SNARE (target-SNAP receptor) family. These proteins are found on cell membranes and serve as the targets for V-SNARES (vesicle-SNAP receptors) permitting specific synaptic vesicle docking and fusion. A microdeletion in the region of chromosome 20 where this gene is located has been associated with pseudohypoparathyroidism type Ib. Multiple transcript variants have been found for this gene. Read-through transcription also exists between this gene and the neighboring downstream aminopeptidase-like 1 (NPEPL1) gene.

### Alternative Names

SYN16; syntaxin-16

### Gene ID

[8675](#)

### UniProt ID

[Q14662](#)