

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

MATRRLTDAFLLLRNNSIQNRQLLAEQLADDRMALVSGISLDPEAAIGVTKRPPPKWVDGVDEIQYDVGRIKQKMKELASLHDKHLN

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](#)