

# Product Information

## MemDX™ Membrane Protein Human STX16 (Syntaxin 16) Full Length

Cat. No.: **MPC2954K**

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

This product is a made-to-order Human STX16 membrane protein expressed in HEK293. 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

#### Protein Class

Transporter

#### TMD

1

#### Sequence

MATRRLTDAFLLLRNNSIQNRQLLAEQVSSHITSSPLHSRSIAAELDELA  
DDRMALVSGISLDPEAAIGVTKRPPPKWVDGVDEIQYDVGRKQKMKELA  
SLHDKHLNRPTLDDSSSEEEHAIEITTQEITQLFHRCQRAVQALPSRARAC  
SEQEGRLLGNVVASLAQALQELSTSFRHAQSGYLKRMKNREERSQHFFDT  
SVPLMDDGDDNTLYHRGFTEDQLVLVEQNTLMVEEREREIRQIVQSISDL  
NEIFRDLGAMIVEQGTVLDRIDYNVEQSCIKTEDGLKQLHKAQYQKKNR  
KMLVILILFVIIIVLIVVLVGKSR

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

#### Form

Liquid

### Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

### 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 1b. 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

STX16; SYN16; syntaxin-16; Syntaxin 16

#### Gene ID

[8675](#)

#### UniProt ID

[O14662](#)