

# Product Information

## MemDX™ Membrane Protein Human STX7 (Syntaxin 7) Full Length

Cat. No.: **MPC1049K**

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

This product is a 29.8 kDa Human STX7 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

STX7

#### Protein Length

Full length

#### Protein Class

Transporter

#### Molecular Weight

29.8 kDa

#### TMD

1

#### Sequence

MSYTPGVGGDPAQLAQRISSNIQKITQCSVEIQRTLNLQLGTPQDSPELRQ  
QLQQKQQYTNQLAKETDKYIKEFGSLPTTPSEQRQRKIQKDRLVAEFTTS  
LTNFQKVQRQAAEREKEFVARVRASSRVSGSFPEDSSKERNLVSWESQTQ  
PQVQVQDDEEITEDDLRLIHERESSIRQLEADIMDINEIFKDLGMMIHEQG  
DVIDSIEANVENAEVHVQQANQQLSRAADYQRKSRKTLCIILILVIGVA  
IISLIIWGLNH

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements

**Form**

Liquid

**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**

STX7

**Full Name**

Syntaxin 7

**Introduction**

The protein encoded by this gene is a syntaxin family membrane receptor involved in vesicle transport. The encoded protein binds alpha-SNAP, an important regulator of transport vesicle fusion. Along with syntaxin 13, this protein plays a role in the ordered fusion of endosomes and lysosomes with the phagosome.

**Alternative Names**

STX7; Syntaxin-7; Syntaxin 7

**Gene ID**

[8417](#)

**UniProt ID**

[Q15400](#)