

Product Information

MemDX™ Membrane Protein Human STX4 (Syntaxin 4) expressed in *In vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP1308X**

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

This product is a 60.6 kDa Human STX4 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

STX4

Protein Length

Full-length

Molecular Weight

60.6 kDa

TMD

1

Sequence

MRDRTHELRQGDDSSDEEDKERVALLVHPGTARLGSPDEEFFHKVVRTIRQTIVKLGKNKVQELEKQQVTILATPLPEESMKQELQNL

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

STX4

Full Name

Syntaxin 4

Introduction

Plasma membrane t-SNARE that mediates docking of transport vesicles. Necessary for the translocation of SLC2A4 from intracellular vesicles to the plasma membrane. Together with STXB3 and VAMP2, may also play a role in docking/fusion of intracellular GLUT4-containing vesicles with the cell surface in adipocytes (By similarity). May also play a role in docking of synaptic vesicles at presynaptic active zones.

Alternative Names

STX4A; p35-2; syntaxin-4; renal carcinoma antigen NY-REN-31; syntaxin 4A (placental)

Gene ID

[6810](#)

UniProt ID

[Q12846](#)