

# Product Information

## **MemDX™ Membrane Protein Human STX2 (Syntaxin 2 expressed in *in vitro* wheat germ expression system) for Antibody Discovery**

Cat. No.: **MP0332X**

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

This product is a 59.7 kDa Human STX2 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

STX2

#### Protein Length

Full-length

#### Molecular Weight

59.7 kDa

#### TMD

1

#### Sequence

MRDRLPDLTACRKNDDGDTVVVVEKDHFMDDFFHQVEEIRNSIDKITQYVEEVKKNHSIILSAPNPEGKIKEELEDLNKEIKKTANKIR

### 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

#### Form

Liquid

#### Purification

Glutathione Sepharose 4 Fast Flow

**Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

STX2

**Full Name**

Syntaxin 2

**Introduction**

The product of this gene belongs to the syntaxin/epimorphin family of proteins. The syntaxins are a large protein family implicated in the targeting and fusion of intracellular transport vesicles. The product of this gene regulates epithelial-mesenchymal interactions and epithelial cell morphogenesis and activation. Alternatively spliced transcript variants encoding different isoforms have been identified

**Alternative Names**

EPIM; EPM; MGC51014; STX2A; STX2B; STX2C; epimorphin

**Gene ID**

[2054](#)

**UniProt ID**

[P32856](#)