

# Product Information

## MemDX™ Membrane Protein Human STX2 (Syntaxin 2) for Antibody Discovery

Cat. No.: **MP0870J**

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

This product is a 33.2 kDa Human STX2 membrane protein expressed in HEK293T. 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

#### Protein Class

Druggable Genome, Transmembrane

#### Molecular Weight

33.2 kDa

#### TMD

1

#### Sequence

MRDRLPDLTACRKNDDGDTVVVEKDHFMDDFFHQVEEIRNTIDKITQYVEEVKKNHSIILSAPNPEGKI  
KEELEDLNKEIKKTANKIRAKLKAIEQSFQDESCNRTSVDLRIRRTQHSVLSRKFVEAMAENEAQTLF  
RERSKGRIQRQLEITGRTTDDELEEMLESQKPSIFTSDIISDSQITRQALNEIESRHKDIMKLETSIRE  
LHEMFMDMAMFVETQGEMINNIERNVMNATDYVEHAKETKKAIKYQSKARRKKWIIIAVSVVLVAAIAL  
IIGLSVGK

### Product Description

#### Expression Systems

HEK293T

#### Tag

C-Myc/DDK

#### Form

Liquid

**Purification**

Anti-DDK affinity column followed by conventional chromatography steps

**Purity**

> 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer**

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

**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**

EPM; EPIM; STX2A; STX2B; STX2C

**Gene ID**

[2054](#)

**UniProt ID**

[P32856](#)