

Product Information

MemDX™ Membrane Protein Human STX5 (Syntaxin 5) expressed in *In vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP1309X**

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

This product is a 58.74 kDa Human STX5 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

STX5

Protein Length

Full-length

Molecular Weight

58.74 kDa

TMD

1

Sequence

MSCRDRTQEFLSACKSLQTRQNGIQTNKPALRAVRQRSEFTLMAKRIGKDSLNTFAKLEKLTILAKRKSLFDDKAVEIEELTYIIKQDIN

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

STX5

Full Name

Syntaxin 5

Introduction

This gene encodes 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. The encoded protein regulates endoplasmic reticulum to Golgi transport and plays a critical role in autophagy. Autoantibodies targeting the encoded protein may be a diagnostic marker for endometriosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Alternative Names

SED5; STX5A; syntaxin-5; syntaxin 5A

Gene ID

[6811](#)

UniProt ID

[Q13190](#)