

Product Information

MemDX™ Membrane Protein Human STX5 (Syntaxin 5) Full Length

Cat. No.: **MPC2853K**

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

This product is a made-to-order Human STX5 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

STX5

Protein Length

Full length

Protein Class

Transporter

TMD

1

Sequence

MIPRKRYGSKNTDQGVYLGSLKTQVLSPATAGSSSSDIAPLPPPVTLVPP
PPDTMSCRDRTQEFLSACKSLQTRQNGIQTNKPALRAVRQRSEFTLMAKR
IGKDLNNTFAKLEKLTILAKRKSFLDDKAVEIEELTYIIKQDINSLNKQI
AQLQDFVRAKGSQSGRHLQTHSNTIVVSLQSKLASMSNDFKSVLEVRTEN
LKQQRSRREQFSRAPVSALPLAPNHLGGGAVVLGAESHASKDVAIMMDS
RTSQQLQLIDEQDSYIQSRADTMQNIESTIVELGSIFQQLAHMVKEQEET
IQRIDENVLGAQLDVEAAHSEILKYFQSVTSNRWLMVKIFLILIVFFIIF
VVFLA

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

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

STX5; SED5; STX5A; syntaxin-5; syntaxin 5A; Syntaxin 5

Gene ID

[6811](#)

UniProt ID

[Q13190](#)