

Product Information

MemDX™ Membrane Protein Human STT3A (STT3 oligosaccharyltransferase complex catalytic subunit A) Full Length

Cat. No.: **MPC2450K**

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

This product is a made-to-order Human STT3A 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

STT3A

Protein Length

Full length

Protein Class

Transferase

TMD

13

Sequence

MTKFGFLRLSYEKQDTLLKLLILSMAAVLSFSTRLFAVLRFESVIHEFDP
YFNRYRTRFLAEEGFYKFHNWFDDRAWYPLGRIIGGTIYPGLMITSAAIY
HVLHFFHITIDIRNVCVFLAPLFSSFTTIVTYHLTKELKDAGAGLLAAAM
IAVVPGYISRSVAGSYDNEGIAIFCMLLTYYMWIKAVKTGSICWAAKCAL
AYFYMVSSWGGYVFLINLIPLHVLVLMLTGRFSHRIYVAYCTVYCLGTIL
SMQISFVGFPVLSSEHMAAFGVFGLCQIHAFVDYLRSKLNPQQFEVLFR
SVISLVGFVLLTVGALLMLTGKISPWTGRFYSLLDPSYAKNNIPIIASVS
EHQPTTWSSYYFDLQLLVFMFPVGLYYCFSNLSDARIFIIMYGVTSMYFS
AVMVRMLVLAPVMCILSGIGVSQVLSTYMKNLDIRPDKSKKQQDSTY
PIKNEVASGMILVMAFFLITYTFHSTWWTSEAYSSPSIVLSARGGDGSRI
IFDDFREAYYWL RHNTPEDAKVMSWWDYGYQITAMANRTILVDNNTWNNT
HISRVGQAMASTEELKAYEIMRELDVSYVLVIFGGLTGYSSDDINKFLWMV
RIGGSTDTGKHIKENDYYTPTGEFRVDREGSPVLLNCLMYKMCYYRFGQV
YTEAKRPPGFDRVRNAEIGNKDFELDVLEEAYTTEHWLVRIYKVKDLNDR
GLSRT

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

STT3A

Full Name

STT3 oligosaccharyltransferase complex catalytic subunit A

Introduction

The protein encoded by this gene is a catalytic subunit of the N-oligosaccharyltransferase (OST) complex, which functions in the endoplasmic reticulum to transfer glycan chains to asparagine residues of target proteins. A separate complex containing a similar catalytic subunit with an overlapping function also exists. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

STT3A; TMC; ITM1; STT3-A; dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A; B5; STT3, subunit of the oligosaccharyltransferase complex, homolog A; STT3A, catalytic subunit of the oligosaccharyltransferase complex; STT3A, subunit of the oligosaccharyltransferase complex (catalytic); dolichyl-diphosphooligosaccharide protein glycotransferase; integral membrane protein 1; integral transmembrane protein 1; oligosaccharyl transferase subunit STT3A; transmembrane conserved; transmembrane protein TMC; STT3 oligosaccharyltransferase complex catalytic subunit A

Gene ID

[3703](#)

UniProt ID

[P46977](#)