

Product Information

MemDX™ Membrane Protein Human ST6GAL2 (ST6 beta-galactoside alpha-2,6-sialyltransferase 2) Full Length

Cat. No.: **MPC3061K**

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

This product is a made-to-order Human ST6GAL2 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

ST6GAL2

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MKPHLKQWRQRMFLGIFAWGLLFLLIFYFTDSNPAEPVPSSLSFLETRR
LLPVQGKQRAIMGAAHEPSPPGGLDARQALPRAHPAGSFHAGPGDLQKWA
QSQDGFHEHKEFFSSQVGRKSQSAFYPEDDDYFFAAGQPGWHSHTQGTGFG
PSPGEPGPREGAFPAQVQRRRVKKRHRQRSSHVLEEGDDGDRLYSSMS
RAFLYRLWKGNVSSKMLNPRLQKAMKDYLTKANKHGVRFRGKREAGLSRAQ
LLCQLRSRARVRTLDGTEAPFSALGWRRLVPAVPLSQLHPRGLRSCAVVM
SAGAILNSSLGEEIDSHDAVLRFNAPTRGYEKDVGNKTTIRIINSQILT
NPSHHFIDSSLYKDVILVAWDPAPYSANLNLWYKKPDYNLFTPYIQHRQR
NPNQPFYILHPKFIWQLWDIIQENTKEKIQPNPPSSGFIGILIMMSMCRE
VHVYIEYIPSVRQTELCHYHELYDAACTLGAYHPLLYEKLLVQRLNMGTD
GDLHRKGKVVLPGFQAVHCPAPSPVIPHS

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**

ST6GAL2

Full Name

ST6 beta-galactoside alpha-2,6-sialyltransferase 2

Introduction

This locus encodes a sialyltransferase. The encoded type II transmembrane protein catalyzes the transfer of sialic acid from CMP to an oligosaccharide substrate. Polymorphisms at this locus may be associated with variations in risperidone response in schizophrenic patients. Alternatively spliced transcript variants have been described.

Alternative Names

ST6GAL2; SIAT2; ST6GalII; beta-galactoside alpha-2,6-sialyltransferase 2; CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,6-sialyltransferase 2; ST6 beta-galactosamide alpha-2,6-sialyltransferase 2; alpha 2,6-ST 2; beta-galactoside alpha-2,6-sialyltransferase II; sialyltransferase 2 (monosialoganglioside sialyltransferase); ST6 beta-galactoside alpha-2,6-sialyltransferase 2

Gene ID

[84620](#)

UniProt ID

[Q96JF0](#)