

Product Information

MemDX™ Membrane Protein Human ST3GAL4 (ST3 beta-galactoside alpha-2,3-sialyltransferase 4) Full Length

Cat. No.: **MPC3516K**

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

This product is a made-to-order Human ST3GAL4 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

ST3GAL4

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MVSKSRWKLLAMLALVLVVMVWYSISREDRYIELFYFPIPEKKEPCLQGE
AESKASKLFGNYSRDQPIFLRLEDYFWVKTPSAYELPYGTKGSEDLLLRV
LAITSSSIPKNIQSLRCRCVVVGNGHRLRNSSLGDANKYDVVIRLNNNA
PVAGYEGDVGSKTTMRLFYFSAHFDPKVENNPDTLLVLVAFKAMDFHWI
ETILSDKKRVRKGFWKQPPLIWDVNPQIRILNPFFMEIAADKLLSLPMQ
QPRKIKQKPTTGLLAITLALHLCDLVHIAGFGYPDAYNKKQTIHYEQIT
LKSMAGSGHNVSQEALAIKRMLEMGAIKNLTSF

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**

ST3GAL4

Full Name

ST3 beta-galactoside alpha-2,3-sialyltransferase 4

Introduction

This gene encodes a member of the glycosyltransferase 29 family, a group of enzymes involved in protein glycosylation. The encoded protein is targeted to Golgi membranes but may be proteolytically processed and secreted. The gene product may also be involved in the increased expression of sialyl Lewis X antigen seen in inflammatory responses. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

ST3GAL4; STZ; SAT3; ST-4; CGS23; SIAT4; NANTA3; SIAT4C; ST3GalIV; ST3GalA.2; gal-NAc6S; CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 4; N-acetylactosaminide alpha-2,3-sialyltransferase; alpha 2,3-ST 4; alpha 2,3-sialyltransferase IV; alpha-3-N-acetylneuraminytransferase; beta-galactoside alpha-2,3-sialyltransferase 4; gal-beta-1,3-GalNAc-alpha-2,3-sialyltransferase; gal-beta-1,4-GalNAc-alpha-2,3-sialyltransferase; gal-beta-1,4-GlcNAc-alpha-2,3-sialyltransferase; sialyltransferase 4C (beta-galactosidase alpha-2,3-sialyltransferase); sialyltransferase 4C (beta-galactoside alpha-2,3-sialyltransferase); ST3 beta-galactoside alpha-2,3-sialyltransferase 4

Gene ID

[6484](#)

UniProt ID

[Q11206](#)