

Product Information

MemDX™ Membrane Protein Human ST8SIA2 (ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 2) Full Length

Cat. No.: **MPC3517K**

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

This product is a made-to-order Human ST8SIA2 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

ST8SIA2

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MLQFRSWMLAALTLLVVFLIFADISEIEEEEIGNSGGRGTIRSAVNSLHS
KSNRAEVVINGSSSPAVVDRSNESIKHNIQPASSKWRHNQTLRLIRKQI
LKFLDAEKDISVLKGTLPGDIIHYIFDRDSTMNVSQNLYELLPTSPLK
NKHFGTCAIVGNSGVLLNSGCGQEIDAHSFVIRC�LAPVQEYARDVGLKT
DLVTMNPSVIQRAFEDLVNATWREKLLQRLHSLNGSILWIPAFMARGGKE
RVEWVNELILKHHVNVRTAYPSLRLLHAVRGYWLTKVHIKRPTTGLLMY
TLATRFCKQIYLYGFWPFLDQNPVKYHYYDSLKYGYTSQASPTMPL
EFKALKSLHEQGALKLTVGQCDGAT

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**

ST8SIA2

Full Name

ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 2

Introduction

The protein encoded by this gene is a type II membrane protein that is thought to catalyze the transfer of sialic acid from CMP-sialic acid to N-linked oligosaccharides and glycoproteins. The encoded protein may be found in the Golgi apparatus and may be involved in the production of polysialic acid, a modulator of the adhesive properties of neural cell adhesion molecule (NCAM1). This protein is a member of glycosyltransferase family 29.

Alternative Names

ST8SIA2; STX; SIAT8B; SIAT8-B; HsT19690; ST8SialI; ST8SIA-II; alpha-2,8-sialyltransferase 8B; ST8 alpha-N-acetylneuraminate alpha-2,8-sialyltransferase 2; alpha-2,8-sialyltransferase 8B 1
sialyltransferase 8 (alpha-2, 8-sialyltransferase) B; sialyltransferase 8B; sialyltransferase St8Sia II; sialyltransferase X; ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 2

Gene ID

[8128](#)

UniProt ID

[Q92186](#)