

Product Information

MemDX™ Membrane Protein Human ST6GALNAC5 (ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 5) Full Length

Cat. No.: **MPC2990K**

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

This product is a made-to-order Human ST6GALNAC5 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

ST6GALNAC5

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MKTLMRHGLAVCLALTTMCTSLLLVYSSLGGQKERPPQQQQQQQQQQQA
SATGSSQPAAESSTQQRPGVPAGPRPLDGYLGVADHKPLKMHCRCALVT
SSGHLLHSRQGSQIDQTECVIRMNDAPTRGYGRDVGNRTSLRVIAHSSIQ
RILRNHRDLLNVSQGTVFIFWGPSSYMRRDGKGQVYNNLHLLSQVLPRLK
AFMITRHKMLQFDELFKQETGKDRKISNTWLSTGWFTMTIALELCDRINV
YGMVPPDFCRDPNHPSVPYHYEYEPFGPDECTMYLSHERGRKGSHHRFITE
KRVFKNWARTFNIHFFQPDWKPESLAINHPENKPVF

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**

ST6GALNAC5

Full Name

ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 5

Introduction

The protein encoded by this gene is a Golgi type II transmembrane glycosyltransferase. The encoded protein catalyzes the transfer of sialic acid to cell surface proteins to modulate cell-cell interactions. Several transcript variants encoding different isoforms have been found for this gene.

Alternative Names

ST6GALNAC5; SIAT7E; SIAT7-E; ST6GalNAcV; alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 5; GD1 alpha synthase; GalNAc alpha-2,6-sialyltransferase V; ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 5; ST6 GalNAc alpha-2,6-sialyltransferase 5; ST6 neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 5; ST6GalNAc V; alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase V; alpha-N-acetylneuraminyl 2,3-betagalactosyl-1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase E; sialyltransferase 7 ((alpha-N-acetylneuraminyl-2,3-beta-galactosyl-1,3)-N-acetyl galactosaminide alpha-2,6-sialyltransferase) E; sialyltransferase 7E; ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 5

Gene ID

[81849](#)

UniProt ID

[Q9BVH7](#)