

Recombinant Human ST6GALNAC6 Protein (Val67-Thr333), His tagged

Cat. No. ST6GALNAC6-3501H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ST6GALNAC6 (Val67-Thr333) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val67-Thr333
Description	Alpha-2, 6-sialyltransferase involved in the synthesis of alpha-series gangliosides. Has activity toward GD1a, GT1b and GM1b. Has no activity toward glycoproteins. Responsible for the biosynthesis of DSGG (disialylgalactosylgloboside) from MSGG (monosialylgalactosylgloboside) in normal and malignant kidney. Participates in the synthesis of disialyl Lewis a (Le (a)).
Form	Lyophilized
Molecular Mass	33.04 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

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centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

Storage Buffer Lyophilized from PBS pH 7.4, 0.02 % NLS, 1mM EDTA, 4 % trehalose, 1 % mannitol.

Reconstitution Reconstitute in sterile water for a stock solution.

Shipping In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name ST6GALNAC6 ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3) -N-acetylglactosaminide alpha-2,6-sialyltransferase 6 [Homo sapiens (human)]

Official Symbol ST6GALNAC6

Synonyms ST6GALNAC6; ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3) -N-acetylglactosaminide alpha-2,6-sialyltransferase 6; sialyltransferase 7 (alpha N acetylneuraminy 2,3 betagalactosyl 1,3) N acetyl galactosaminide alpha 2,6 sialyltransferase) F; SIAT7F; alpha-N-acetylglactosaminide alpha-2,6-sialyltransferase 6; ST6GALNACVI; SIAT7-F; ST6GalNAc VI; hST6GalNAc VI; sialyltransferase 7F; galNAc alpha-2,6-sialyltransferase VI; CMP-NeuAC: (beta) -N-acetylglactosaminide (alpha) 2,6-sialyltransferase member VI; sialyltransferase 7 (alpha-N-acetylneuraminy 2,3-betagalactosyl-1,3) -N-acetyl galactosaminide alpha-2,6-sialyltransferase) F; SIAT7F; RP11-203J24.3;

Gene ID 30815

mRNA Refseq NM_013443

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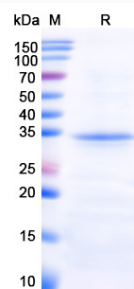
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Protein Refseq [NP_038471](#)

MIM [610135](#)

UniProt ID [Q969X2](#)

SDS-PAGE



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