

Active Recombinant Human ST6GAL1 Protein, His-tagged

Cat. No. ST6GAL1-27H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ST6GAL1(Glu44-Cys406) fused with His at N-terminal tag was expressed in NS0.
Species	Human
Source	Mammalian Cells
ProteinLength	Glu44-Cys406
Predicted N Terminal	His
Form	Supplied as a 0.2 µm filtered solution in Tris, NaCl and Glycerol.
Bio-activity	Measured by its ability to transfer Neu5Ac from CMP-Neu5Ac to N-Acetylactosamine. The specific activity is >150 pmol/min/µg.
Molecular Mass	Predicted Molecular Mass: 42 kDa; SDS-PAGE: 40-50 kDa, reducing conditions.
Endotoxin	<1.0 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane
Storage	Avoid repeated freeze-thaw cycles.

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6 months from date of receipt, -20 to -70 centigrade as supplied.
 3 months, -20 to -70 centigrade under sterile conditions after opening.

GENE INFORMATION

Gene Name [ST6GAL1 ST6 beta-galactosamide alpha-2,6-sialyltransferase 1 \[Homo sapiens \]](#)

Official Symbol [ST6GAL1](#)

Synonyms [ST6GAL1](#); [ST6 beta-galactosamide alpha-2,6-sialyltransferase 1](#); [sialyltransferase 1 \(beta galactoside alpha 2,6 sialyltransferase\)](#) , [SIAT1](#); [beta-galactoside alpha-2,6-sialyltransferase 1](#); [ST6Gal I](#); [alpha 2,6-ST 1](#); [B-cell antigen CD75](#); [sialyltransferase 1 \(beta-galactoside alpha-2,6-sialyltransferase\)](#); [CMP-N-acetylneuraminatate beta-galactosamide alpha-2,6-sialyltransferase](#); [CMP-N-acetylneuraminatate-beta-galactosamide-alpha-2,6-sialyltransferase 1](#); [ST6N](#); [SIAT1](#); [ST6GalI](#); [MGC48859](#);

Gene ID [6480](#)

mRNA Refseq [NM_003032](#)

Protein Refseq [NP_003023](#)

MIM [109675](#)

UniProt ID [P15907](#)

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