

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-Acetyllactosamine. 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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 45-1 Ramsey Road, Shirley, NY 11967, USA

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-acetylneuraminate beta-galactosamide alpha-2,6-sialyltransferase; CMP-N-acetylneuraminate-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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