

Recombinant Human ST6GAL1, His tagged

Cat. No. ST6GAL1-1122H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ST6GAL1 (P15907) (Lys 27 -Cys 406), fused with a polyhistidine tag at the N-terminus, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	Lys 27 -Cys 406
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human ST6GAL1 consists of 400 amino acids and has a calculated molecular mass of 46 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhST6GAL1 is approximately 50-55 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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; ST6Gall; MGC48859;

Gene ID [6480](#)

mRNA Refseq [NM_003032](#)

Protein Refseq [NP_003023](#)

MIM [109675](#)

UniProt ID [P15907](#)

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