

Recombinant Human ST6GAL1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ST6GAL1 protein(P15907) (Lys 27-Cys 406) was expressed in HEK293, with a polyhistidine tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	27-406 aa
Form	Lyophilized from sterile PBS, pH 7.4.
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 of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GENE INFORMATION

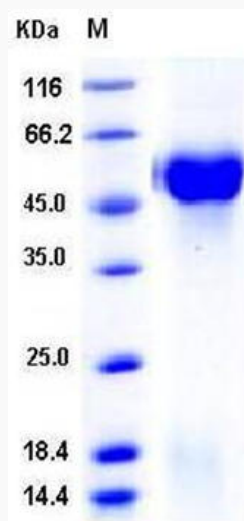
Gene Name	ST6GAL1 ST6 beta-galactosamide alpha-2,6-sialyltransferase 1 [Homo sapiens]
Official Symbol	ST6GAL1
Synonyms	ST6GAL1; ST6 beta-galactosamide alpha-2,6-sialyltransferase 1; sialyltransferase 1 (beta galactoside alpha 2,6 sialyltransferase), SIAT1; beta-galactoside alpha-2,6-sialyltransferase 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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SDS-PAGE



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