

## Recombinant Human ST6GAL1 Protein

Catalog #	Source	Reactivity	Applications
CRP2339	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human ST6GAL1 Protein is produced by our Mammalian expression system and the target gene encoding Lys27-Cys406 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.		
<b>Gene Symbol</b>	ST6GAL1		
<b>Alternative Names</b>	SIAT1; Beta-galactoside alpha-2,6-sialyltransferase 1; Alpha 2,6-ST 1; B-cell antigen CD75; CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,6-sialyltransferase 1; ST6Gal I; ST6GalII; Sialyltransferase 1		
<b>Entrez Gene</b>	6480 (Human)		
<b>SwissProt</b>	P15907 (Human)		
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
<b>Chemical Structure</b>	KEKKKGSYYD SFKLQTKFQ VLKSLGKLAM GSDSQSVSS STQDPHRGRQ TLGSLRGLAK AKPEASFQVW NKDSSSKNLI PRLQKIWKNY LSMNKYKVS Y KGP GPGIKFS AEALRCHLRD HVNVSMVEVT DFPFNTSEWE GYLPKESIRT KAGPWGRCAV VSSAGSLKSS QLGREIDDHD AVLRFNGAPT ANFQQDVGTK TTIRLMNSQL VTTEKRFLKD SLYNEGILIV WDPSVYHSDI PKWYQNPDYN FFNNYKTYRK LHPNQPFYIL KPQMPWELWD ILQEISPEEI QPNPPSSGML GIIIMMTLCD QVDIYEFLPS KRKTDVCYYY QKFFDSACTM GAYHPLLYEK NLVKHLNQG T DEDIYLLGKA TLPGFRTIHC VDHHHHHH		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

**Storage/Stability** Store it at -20°C to -80°C for one year.

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