

Product Data Sheet

Recombinant Human ST6GAL1 Protein

Catalog #	Source	Reactivity	Applications
CRP2339	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human ST6GAL1 Protein is produced by Mammalian expression system and the target gene encoding Lys27-Cys406 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.		
Gene Symbol	ST6GAL1		
Alternative Names	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		
Entrez Gene	6480 (Human)		
SwissProt	P15907 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	KEKKKGSSYYD SFKLQTKFEQ VLKSLGKLAM GSDSQSVSSS STQDPHRGRQ TLGSLRGLAK AKPEASFQVW NKDSSSKNLI PRLQKIWKNY LSMNKYKVS Y KGP GPGIKFS AEALRCHLRD HVNVMVEVT DFPFNTSEWE GYLPKESIRT KAGPWGRCAV VSSAGSLKSS QLGREIDDHD AVLRFNGAPT ANFQQDVGTK TTIRLMNSQL VTTEKRFLKD SLYNEGILIV WDPSVYHSDI PKWYQNPDYN FFNNYKTYRK LHPNQPFYIL KPQMPWELWD ILQEISPEEI QPNPPSSGML GIIIMMTLCD QVDIYEFLPS KRKTDVCYYY QKFFDSACTM GAYHPLLYEK NLVKHLNQGT DEDIYLLGKA TLPGFRTIHC VDHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot		

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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the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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