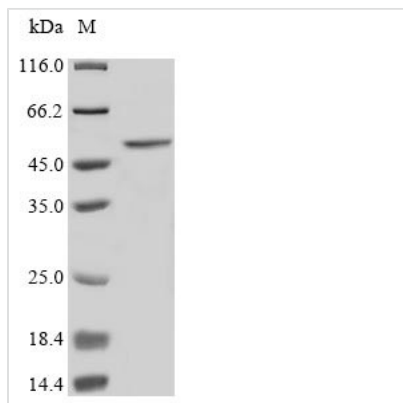




# Recombinant Human Beta-galactoside alpha-2,6-sialyltransferase 1 (ST6GAL1)

<b>Product Code</b>	CSB-CF022759HU
<b>Relevance</b>	Transfers sialic acid from CMP-sialic acid to galactose-containing acceptor substrates.
<b>Abbreviation</b>	Recombinant Human ST6GAL1 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P15907
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	MIHTNLKKKFSCCVLVFLLFAVICVWKEKKKGSYYDSFKLQTKEFQVLKSLGKL AMGSDSQSVSSSSTQDPHRGRQTLGSLRGLAKAKPEASFQVWNKDSSSKNLI PRLQKIWKNYLSMNKYKVSYKGGPGGIKFSAEALRCHLRDHVNVSMVEVTDF PFNTSEWEGYLPKESIRTKAGPWGRCAVVSSAGSLKSSQLGREIDDHDAVLR FNGAPTANFQQDVGTKTTIRLMNSQLVTTEKRFLKDSLNEGILIVWDPSPVYHS DIPKWYQNPDYNNFFNYYKTYRKLHPNQPFYILKPQMPWELWDILQEISPEEIQP NPPSSGMLGIIMMTLCDQVDIYEFLPSKRKTDVCYYYQKFFDSACTMGAYHPL LYEKNLVKHLNQGTDEDIYLLGKATLPGFRTIHC
<b>Research Area</b>	Immunology
<b>Source</b>	in vitro E.coli expression system
<b>Target Names</b>	ST6GAL1
<b>Protein Names</b>	B-cell antigen CD75 CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,6-sialyltransferase 1 ST6Gal I
<b>Expression Region</b>	1-406aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	52.1kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.