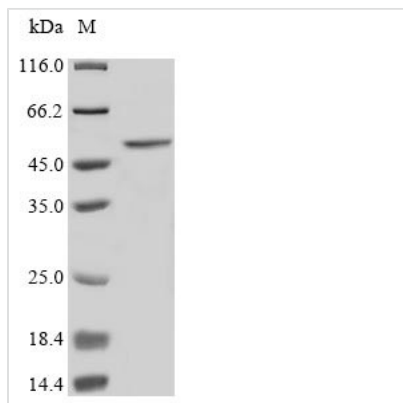




Recombinant Human Beta-galactoside alpha-2,6-sialyltransferase 1 (ST6GAL1)

Product Code	CSB-CF022759HU
Relevance	Transfers sialic acid from CMP-sialic acid to galactose-containing acceptor substrates.
Abbreviation	Recombinant Human ST6GAL1 protein
Storage	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.
Uniprot No.	P15907
Product Type	Transmembrane Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MIHTNLKKKFSCCVLVFLLFAVICVWKEKKKGSYYDSFKLQTKEFQVLKSLGKL AMGSDSQSVSSSSTQDPHRGRQTLGSLRGLAKAKPEASFQVWNKSSSKNLI PRLQKIWKNYLSMNKYKVSYPKPGPGIKFSAEALRCHLRDHVNVSMVEVTD PFNTSEWEGYLPKESIRTKAGPWGRCAVVSSAGSLKSSQLGREIDDHDAVLR FNGAPTANFQQDVGTKTTIRLMNSQLVTTEKRFLKDSLNEGILIVWDPSPVYHS DIPKWYQNPDYNNFYKTYRKLHPNQPFYILKPQMPWELWDILQEISPEEIQP NPPSSGMLGIIIMMTLCDQVDIYEFLPSKRKTDVCYQQKFFDSACTMGAYHPL LYEKNLVKHLNQGTDEDIYLLGKATLPGFRTIHC
Research Area	Immunology
Source	in vitro E.coli expression system
Target Names	ST6GAL1
Protein Names	B-cell antigen CD75 CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,6-sialyltransferase 1 ST6Gal I
Expression Region	1-406aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	52.1kDa
Protein Length	Full Length
Image	



(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.