

Recombinant Human ST6GAL1 Full Length Transmembrane protein (1-406 aa), His-tagged

Cat. No. ST6GAL1-2720H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Human ST6GAL1 Protein (1-406 aa) is produced by in vitro E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal.

Species

Human

Source

E.coli

ProteinLength

1-406aa

Form

If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.
If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Molecular Mass

52.1kDa

AA Sequence

MIHTNLKKKFSCCVLVFLFAVICVWKEKKKGSYYDSFKLQTKEFQVLKSLGKGLAMG
SDSQSVSSSSTQDPHRGRQTLGSLRGLAKAKPEASFQVWNKDSSSKNLIPRLQKIW
KNYLSMNKYKVSYKGP GPGIKFSAEALRCHLRDHVNVSMVEVTDFFNTSEWEGYL
PKESIRTKAGPWGRCAVVSSAGSLKSSQLGREIDDHDAVLRFN GAPTANFQQDVGT
KTTIRLMNSQLVTTEKRFLKDSL YNEGILIVWDPSVYHSDIPK WYQNP DYNFFN NYKT
YRKLHPNQPFYILKPQMPWELWDILQEISPEEIQPNPPSSGMLGIIIMMTLCDQVDIYE
FLPSKRKTDVCYYYQKFFDSACTMGAYHPLLYEKNLVKHLNQGTDEDIYLLGKATLP
GFRTIHC

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

GENE INFORMATION

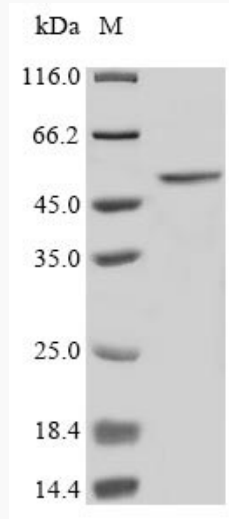
Gene Name	ST6GAL1 ST6 beta-galactosamide alpha-2,6-sialyltransferase 1 [Homo sapiens]
Official Symbol	ST6GAL1
Synonyms	ST6GAL1; ST6 beta-galactosamide alpha-2,6-sialyltransferase 1; sialyltransferase 1 (beta galactoside alpha 2,6 sialytransferase) , SIAT1; beta-galactoside alpha-2,6-sialyltransferase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