

ST6GAL1 Blocking Peptide (Center)

Synthetic peptide

Catalog # BP19891c

Specification

ST6GAL1 Blocking Peptide (Center) - Product Information

Primary Accession

[P15907](#)

Other Accession

[NP_775324.1](#)**ST6GAL1 Blocking Peptide (Center) - Additional Information****Gene ID** 6480**Other Names**

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, ST6Gall, Sialyltransferase 1, ST6GAL1, SIAT1

Target/Specificity

The synthetic peptide sequence is selected from aa 193-206 of HUMAN ST6GAL1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ST6GAL1 Blocking Peptide (Center) - Protein Information**Name** ST6GAL1**Synonyms** SIAT1**Function**

Transfers sialic acid from CMP-sialic acid to galactose- containing acceptor substrates.

Cellular Location

Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein. Secreted. Note=Membrane-bound form in trans cisternae of Golgi. Secreted into the body fluid

ST6GAL1 Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

ST6GAL1 Blocking Peptide (Center) - Images

ST6GAL1 Blocking Peptide (Center) - Background

This gene encodes a member of glycosyltransferase family 29. The encoded protein is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The protein, which is normally found in the Golgi but can be proteolytically processed to a soluble form, is involved in the generation of the cell-surface carbohydrate determinants and differentiation antigens HB-6, CD75, and CD76. This gene has been incorrectly referred to as CD75. Three transcript variants encoding two different isoforms have been described.

ST6GAL1 Blocking Peptide (Center) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Mondal, S., et al. Leuk. Res. 34(4):463-470(2010)
Lee, M., et al. Oncol. Rep. 23(3):757-761(2010)
Daly, A.K., et al. Nat. Genet. 41(7):816-819(2009)
Costa-Nogueira, C., et al. BMC Cancer 9, 431 (2009) :