ST6GAL1 FISH Probe

Catalog # FA0117 Size 200 uL

Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).
Origin	Human
Source	Genomic DNA
Reactivity	Human
Notice	We **strongly recommend** the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status	For research use only (RUO)
Supplied Product	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

Gene Info — ST6GAL1

Entrez GeneID	6480
Gene Name	ST6GAL1
Gene Alias	CD75, MGC48859, SIAT1, ST6Gall, ST6N
Gene Description	ST6 beta-galactosamide alpha-2,6-sialyltranferase 1

Omim ID	109675
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	CMP-N-acetylneuraminate beta-galactosamide alpha-2,6-sialyltransferase|ST6Gal I|alpha 2,6-ST|sialyltransferase 1 (beta-galactoside alpha-2,6-sialyltransferase)|sialyltransferase 1 (beta-galactoside alpha-2,6-sialytransferase)

Pathway

- Metabolic pathways
- N-Glycan biosynthesis

Disease

- Tobacco Use Disorder