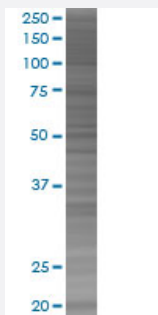


# ST6GAL1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006480-T01

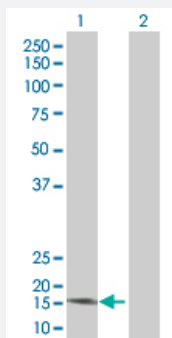
Size 100 uL

## Applications



### SDS-PAGE Gel

ST6GAL1 transfected lysate.



### Western Blot

Lane 1: ST6GAL1 transfected lysate ( 20.8 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-ST6GAL1 full-length

**Host** Human

**Theoretical MW (kDa)** 20.8

**Quality Control Testing** Transient overexpression cell lysate was tested with Anti-ST6GAL1 antibody ([H00006480-B01](#)) by Western Blots.  
SDS-PAGE Gel  
ST6GAL1 transfected lysate.  
Western Blot  
Lane 1: ST6GAL1 transfected lysate ( 20.8 KDa)  
Lane 2: Non-transfected lysate.

<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — ST6GAL1

<b>Entrez GeneID</b>	<a href="#">6480</a>
<b>GeneBank Accession#</b>	<a href="#">NM_173217.1</a>
<b>Protein Accession#</b>	-
<b>Gene Name</b>	ST6GAL1
<b>Gene Alias</b>	CD75, MGC48859, SIAT1, ST6GalI, ST6N
<b>Gene Description</b>	ST6 beta-galactosamide alpha-2,6-sialyltransferase 1
<b>Omim ID</b>	<a href="#">109675</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

<b>Gene Summary</b>	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]
---------------------	---

<b>Other Designations</b>	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-sialyltransferase)
---------------------------	--

## Pathway

- [Metabolic pathways](#)
- [N-Glycan biosynthesis](#)

## Disease

- [Tobacco Use Disorder](#)