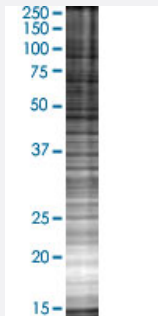


ST3GAL3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006487-T02

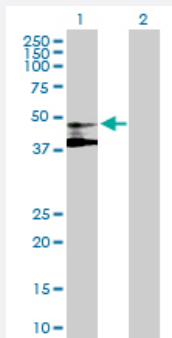
Size 100 uL

Applications



SDS-PAGE Gel

ST3GAL3 transfected lysate.



Western Blot

Lane 1: ST3GAL3 transfected lysate (43.8 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ST3GAL3 full-length
Host	Human
Theoretical MW (kDa)	43.8
Interspecies Antigen Sequence	Mouse (93); Rat (93)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ST3GAL3 antibody ([H00006487-B01P](#)) by Western Blots.
SDS-PAGE Gel
ST3GAL3 transfected lysate.
Western Blot
Lane 1: ST3GAL3 transfected lysate (43.8 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — ST3GAL3

Entrez GeneID

[6487](#)

GeneBank Accession#

[NM_174964.1](#)

Protein Accession#

[NP_777624.1](#)

Gene Name

ST3GAL3

Gene Alias

SIAT6, ST3GALII, ST3GalIII, ST3N

Gene Description

ST3 beta-galactoside alpha-2,3-sialyltransferase 3

Omim ID

[606494](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein is normally found in the Golgi apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase|Gal beta-1,3(4)GlcNAc alpha-2,3 sialyltransferase|OTTHUMP00000008811|OTTHUMP00000008812|OTTHUMP00000008820|OTTHUMP00000008821|OTTHUMP00000008822|OTTHUMP00000008823|ST3Gal I||alpha 2

Pathway

- [Glycosphingolipid biosynthesis - lacto and neolacto series](#)
- [Keratan sulfate biosynthesis](#)
- [Metabolic pathways](#)

Disease

- [Tobacco Use Disorder](#)