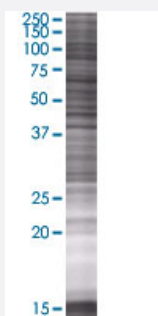


ST3GAL2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006483-T01

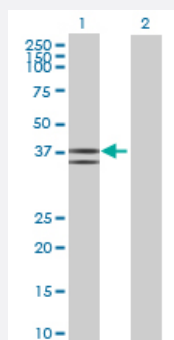
Size 100 uL

Applications



SDS-PAGE Gel

ST3GAL2 transfected lysate.



Western Blot

Lane 1: ST3GAL2 transfected lysate (38.61 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-ST3GAL2 full-length

Host Human

Theoretical MW (kDa) 38.61

Quality Control Testing Transient overexpression cell lysate was tested with Anti-ST3GAL2 antibody ([H00006483-B01](#)) by Western Blots.
SDS-PAGE Gel
ST3GAL2 transfected lysate.
Western Blot
Lane 1: ST3GAL2 transfected lysate (38.61 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 — ST3GAL2

Entrez GeneID	6483
GeneBank Accession#	NM_006927.2
Protein Accession#	NP_008858.1
Gene Name	ST3GAL2
Gene Alias	Gal-NAc6S, SIAT4B, ST3GALII, ST3GalA.2
Gene Description	ST3 beta-galactoside alpha-2,3-sialyltransferase 2
Omim ID	607188
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 but can be proteolytically processed to a soluble form. This protein, which is a member of glycosyltransferase family 29, can use the same acceptor substrates as does sialyltransferase 4A. [provided by RefSeq]
Other Designations	CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase Gal-beta-1,3-GalNAc-alpha-2,3-sialyltransferase alpha 2,3-ST beta-galactoside alpha-2,3-sialyltransferase sialyltransferase 4B (beta-galactosidase alpha-2,3-sialyltransferase)

Pathway

- [Glycosphingolipid biosynthesis - ganglio series](#)
- [Glycosphingolipid biosynthesis - globo series](#)
- [Keratan sulfate biosynthesis](#)

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