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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ST3GAL1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00006482-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

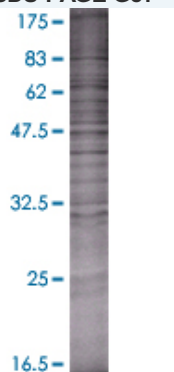
Plasmid: pCMV-ST3GAL1 full-length

Host: Human

Theoretical MW (kDa): 37.51

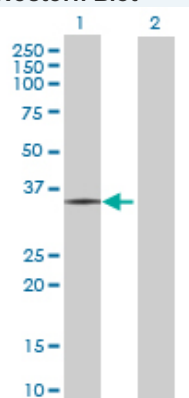
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-ST3GAL1 antibody (H00006482-B01) by Western Blots.

SDS-PAGE Gel



ST3GAL1 transfected lysate.

Western Blot



Lane 1: ST3GAL1 transfected lysate (37.51 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.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [6482](#)

GeneBank Accession#: [NM_003033.2](#)

Protein Accession#: [NP_003024.1](#)

Gene Name: ST3GAL1

Gene Alias: DKFZp666E036, DKFZp779K2051, FLJ36548, Gal-NAc6S, MGC9183, SIAT4A, SIATFL, ST3GalA, ST3GalA.1, ST3GalIA, ST3GalIA.1, ST3O

Gene Description: ST3 beta-galactoside alpha-2,3-sialyltransferase 1

Omim ID: [607187](#)

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. Correct glycosylation of the encoded protein may be critical to its sialyltransferase activity. This protein, which is a member of glycosyltransferase family 29, can use the same acceptor substrates as does sialyltransferase 4B. Two transcript variants encoding the same protein have been found for this gene. Other transcript variants may exist, but have not been fully characterized yet. [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, sialyltransferase 4A (beta-galactosidase alpha-2,3-sialyltransferase), sialyltransferase 4A (beta-galactoside alpha-2,3-sialyltransferase)

Gene Pathway

[Glycosphingolipid biosynthesis - ganglio series](#)
[Glycosphingolipid biosynthesis - globo series](#) [Keratan sulfate biosynthesis](#)
[Metabolic pathways](#) [O-Glycan biosynthesis](#)

Related Disease

[Bipolar Disorder](#) [Genetic Predisposition to Disease](#) [Schizophrenia](#) [Tobacco Use Disorder](#)