

## Product datasheet for **TP309177L**

### ST6GALNAC3 (NM\_152996) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 3 (ST6GALNAC3), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC209177 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MACILKRKSVIAVSFIAAFLFLLVRLVNEVNFLLLLNCFGQPGTKWIPFSYTYRRPLRTHYGYINVKTQ  
EPLQLDCDLCAIVSNSGQMVGQKVGNEIDRSSCIWRMNNAPTGYEEDVGRMTMIRVVSHTSVPLLLKNP  
DYFFKEANTTIYVIWGPFRNMRKDGNGIVYNMLKKTGVIYPNAQIYVTTEKRMSYCDGVFKKETGKDRVQ  
SGSYLSTGWFTFILAMDACYGIHVYGMINDTYCKTEGYRKVPYHYEQRDECDEYFLHEHAPYGGHRFI  
TEKKVFAKWAKKHRIIFTHPNWTLS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 35.2 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_694541](#)

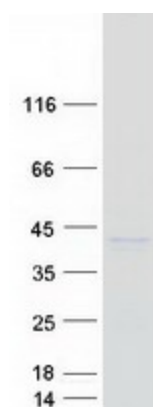
**Locus ID:** 256435



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UniProt ID:	<a href="#">Q8NDV1</a>
RefSeq Size:	3259
Cytogenetics:	1p31.1
RefSeq ORF:	915
Synonyms:	PRO7177; SIAT7C; ST6GALNACIII; STY
Summary:	ST6GALNAC3 belongs to a family of sialyltransferases that transfer sialic acids from CMP-sialic acid to terminal positions of carbohydrate groups in glycoproteins and glycolipids (Lee et al., 1999 [PubMed 10207017]).[supplied by OMIM, Mar 2008]
Protein Families:	Transmembrane
Protein Pathways:	Glycosphingolipid biosynthesis - ganglio series, Metabolic pathways

### Product images:



Coomassie blue staining of purified ST6GALNAC3 protein (Cat# [TP309177]). The protein was produced from HEK293T cells transfected with ST6GALNAC3 cDNA clone (Cat# [RC209177]) using MegaTran 2.0 (Cat# [TT210002]).