

# Product datasheet for RC228142L3

### OriGene Technologies, Inc.

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## ST6GALNAC3 (NM 001160011) Human Tagged Lenti ORF Clone

### **Product data:**

**Product Type:** Expression Plasmids

Product Name: ST6GALNAC3 (NM\_001160011) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: ST6GALNAC3

Synonyms: PRO7177; SIAT7C; ST6GALNACIII; STY

Mammalian Cell

Selection:

Puromycin

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

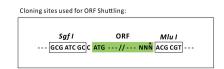
ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC228142).

Sequence:

Restriction Sites: Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_001160011

ORF Size: 630 bp





### ST6GALNAC3 (NM\_001160011) Human Tagged Lenti ORF Clone - RC228142L3

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:** 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 001160011.1</u>

RefSeq ORF: 633 bp
Locus ID: 256435
UniProt ID: Q8NDV1
Cytogenetics: 1p31.1

**Protein Families:** Transmembrane

**Protein Pathways:** Glycosphingolipid biosynthesis - ganglio series, Metabolic pathways

MW: 23.8 kDa

**Gene 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]