

Product datasheet for **MR229111**

St6galnac4 (NM_001276425) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St6galnac4 (NM_001276425) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	St6galnac4
Synonyms:	SIAT7-D; Siat7d; ST6GalNAcIV
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR229111 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGGCCCGGGCCGCTTCTGCTCCTCACACTGTGCATCTTGACATTCTCTGCTGTCTGTCTTCC
TGTGCTGCTGGGCTGCCTGCCGCTCTGCCTGGCAACCTGCCTGGACCGCCACCTCCCTGCGCCCCCAG
ATCCACTGTGCCAGGGCCCTGCACTTCAGTGGCTACAGCAGCGTGCCAGACGGGAAGCCTTTATCCGA
GAACTGTGCCACAGCTGTGCGGTGGTGTCCAGCTCTGGCCAGATGCTGGGTTTCAAGCCTGGGTGCCAGA
TCGATGGCGCAGAGTGCCTGCTACGCATGAACCAGGCACCCACCGTGGGCTTTGAGGAGGACGTGGCCA
GCGCAGCACTCTGCGCGTGATCTCTCACACAAGTGTGCCATTGCTTCTGCGCAACTACTCACACTATTTT
CAGCATGCCCGAGACACGCTCTACGTGGTGTGGGGCCAGGGCAGGCACATGGACAGGGTGTGGGCGGCC
GCACCTACCGAACGTTGCTGCAGCTCACCAAGATGTATCCAGGCCTGCAAGTGTACACCTTCACTGAACG
CATGATGGCCTACTGTGACCAGATCTTCCAAGATGAGACAGGCAAGAACCGGAGACAATCAGGCTCCTTT
CTCAGCACCGTTGGTTCACCATGATTTGGCCCTGGAGCTGTGCGAGGAGATCGTGGTCTACGGGATGG
TCAGCGATAGTTACTGCAGCGAGAAGAGTCCCCGCTCCGTGCCCTACCACTACTTTGAGAAGGGCCGGCT
AGATGAGTGTGAGATGTACCGTTTGCATGAGCAGGCTCCAAGGAGCGCCATCGCTTCATTACCGAGAAG
GCTGTGTTCTCCGCTGGGCCAAGAAGCGACCCATCGTGTTCGCCACCCGTCCTGGAGGGCCAAG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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: [NM_001276425.1](#), [NP_001263354.1](#)

RefSeq Size: 3641 bp

RefSeq ORF: 909 bp

Locus ID: 20448

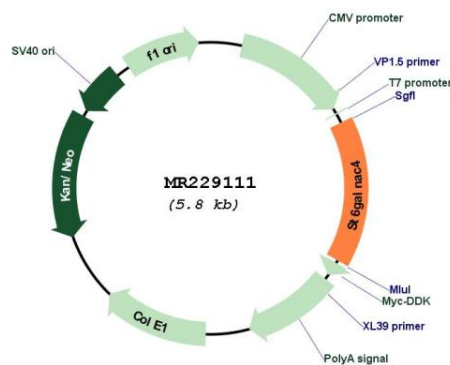
UniProt ID: [Q9R2B6](#)

Cytogenetics: 2 B

MW: 34.2 kDa

Gene Summary: Involved in the biosynthesis of ganglioside GD1A from GM1B. Transfers CMP-NeuAc with an alpha-2,6-linkage to GalNAc residue on NeuAc-alpha-2,3-Gal-beta-1,3-GalNAc of glycoproteins and glycolipids. Prefers glycoproteins to glycolipids.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR229111