

Product datasheet for **RR205995**

St3gal6 (NM_207602) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St3gal6 (NM_207602) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	St3gal6
Synonyms:	Siat10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR205995 representing NM_207602 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAAGGCTACGTGGTGGCCATATTCTTGAGCTCCATCTTCTCTACTATGTGCTATACTGTATCCTGT
GGGAACAAATGGCTATTGGTTCCCAAATGAGGAAATGAAGAGTAAAAACAATGTCAAGAACTGTTTTAA
AAAGCCAGCTTTGCCAGTCTTCTGAGGTTTCTCAGTTTTACCCATTTCTGTGTAAGCTGACTTTGTA
AAGGTTGCCGCCACATACGGTACCAATAATTTCTGTTGCCCTATGGAGTAAAGACCTTTGAATCGTATT
TCAGATCGGCCCTTTCAAACCTGCAGAGCTGTGATCTCTTTGGCGAGTTTGACACAGTGCCATGTA
GTGTGTGGTGGTTGGTAATGGAGGAGTGTGAAGAATAAGACGTTGGGAGCAAAAATCGACTCCTATGAT
GTAATAAAGAATGAATAACGGTCTGTTTTAGGCCATGAAGAGGAAGTTGGGAAAAGGACAACCTTCA
GGCTTTTCTATCCAGAGTCTGTCTTTTCAGACCCAGTCACTATGATCCCAATACTACCGCGTTCTCGT
TGTCTTTAAACCACAGGATTTAAGGTGGCTGATGGAAATACTGATAGGTAATAAAAAATAAATACTGATGGG
TTTTGGAAGAAACCGGCCTTAAACTGATCTATAAACAATACCAATCAGAATATTAGATCCATATATTA
TCAGAGAAGCAGCTTTTCAACTGCTTCTGTTTTCCAGAGTATTTCCCAAAGATCAGAAACCAAGCACCC
CAGCAGCGGAATTATCGCTCTCACCTTGCGTTTTACATATGCAGTGAAGTGCACCTTGCTGTTTTAAAG
TACAACCTTTACACACCAGACAGTCCTTTACACTACTATGGGAATGCCACCATGTCTTTGATGAAGAAGA
ATGCGTATCACAATCTGACTGCAGAACGCTCTTTCTAAAGAACCTTATAAAGAAAAAATGGTGATCAA
CTTGACTCAAAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR205995 representing NM_207602
Red=Cloning site Green=Tags(s)

MKGYVVAIFLSSIFLYYVLYCILWGTNGYWFPNEEMKSKNNVKNCFKKPAFASLLRFPQFYFPLCKADVF
 KVAATYGTNNFLLPYGVKTFESYFRSALSKLQSCDLFGEFDTVPCKRCVVVGGVGLKNNKTLGAKIDSYD
 VIIRMNNGPVLGHEEEVGKRTTFRLFYPEVSFSDPSHYDPNTTAVLVVFKPQDLRWLMEILIGKKINTDG
 FWKKPALKLIYQYQIRILDPIYIIEAAAFQLLRFPRVFPKDQPKKHPTTGIIALTLAFHICSEVHLAGFK
 YNFYTPDSPLHYGNATMSLMKKNAYHNLTAQLFLKNLIKMMVINLTQN

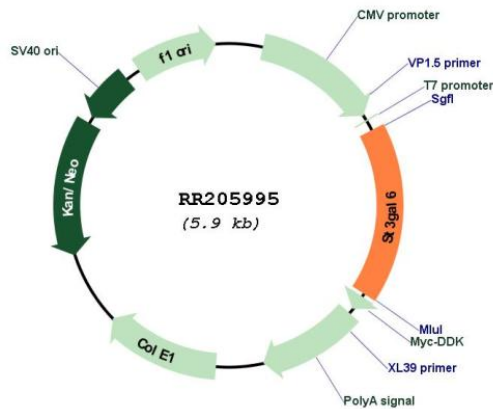
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_207602

ORF Size: 993 bp

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:	<ol style="list-style-type: none">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_207602.2 , NP_997485.2
RefSeq Size:	2158 bp
RefSeq ORF:	996 bp
Locus ID:	304023
Cytogenetics:	11q12
MW:	38.2 kDa