

## Product datasheet for **RR211141**

### Galnt3 (NM\_001015032) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Galnt3 (NM_001015032) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Galnt3
Synonyms:	MGC124508
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide  
Sequence:

>RR211141 representing NM\_001015032  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCTCACCTCAAGCGACTAGTAAAATTACACATTAAGACATTACCATAGAAAAGTTCTGGAAGCTTG  
GCGCAGTCATCTTTTCTTTTAGTAGTTTGGATTTGATGCAAAGAGAAGTAAGTGTTCAAGTATCCAA  
GGAGGAATCAAAGATGGAGAGAACTTGAAAAACAAAAACAAAATGTTTGACTTTATGCTCGAAGCCGTA  
AATAATATTAAGACGCAATGCCAAAGATGCAGATAGGGGCACCTATCAAGCAGAACATCGACGTCCTG  
AGAGGCCCTGTCTGCAAGGGTACTACACCGCAGCAGAGTTGAAACCTGTCTAGACCGCCACCTCAGGA  
TTCTAATGCACCTGGTGTTCGGCAAGCCCTTAAGATCACCCACCTCAGCCCAGAGGAGCAGAAGGAG  
AAAGAGCGTGGGAGACGAAGCACTGTTCAACGCCTTTGCGAGTGACAGAATTTCTTACACCGAGATC  
TTGGACCTGACACCCGACCACCGAATGTATTGAACAAAAATTAAGCGCTGCCACCCCTGCCTACCAC  
CAGTGTACATAATAGTCTTTCATAATGAAGCGTGGTCCACTGCTTAGGACCGTCCACAGTGTGCTCTAT  
TCTTCACCTGCAATACTGCTGAAGGAGATCATTTTGGTGGACGATGCTAGTGTAGATGACTACTTGCATG  
AGAAACTAGAGGAATACATAAAACAGTTTTCTATCGTGAAAATAGTCAGGCAGCAAGAGAGGAAAGGCC  
GATCACGGCGCGGTTGCTAGGGGAGCTGTAGCAACTGCCGAGACGCTCACGTTCTTAGACGCTCACTGT  
GAGTGTCTCTATGGTTGGTTGGAACCTTTGCTGGCCAGAATAGCTGAGAACTACACTGCCGTGGTGAATC  
CAGACATTGCATCCATAGATCTAAACACATTTGAGTTCACAAGCCTTCTCCGTACGGAAGCAACCACAA  
CCGTGGGAATTTGACTGGAGCCTTTCTTTGGCTGGGAGTCACTTCTGATCATGAGAAGCAAAGAAGG  
AAAGATGAAACCTACCAATTAAGACCCACCTTTGCAGGAGGCCTCTTTCTATCTAGAGACTATT  
TTGAGCATATTGGAAGTTACGATGAAGAAATGGAATCTGGGAGGTGAAAACATAGAAATGTCATTCCG  
AGTATGGCAATGTGGTGGCAGTTGGAGATTATGCCTTGCTCTGTTGTTGGACATGTTTTTCGCAGCAAA  
AGCCCTCATACCTTTCCAAAAGGCACTCAGGTGATTGCTCGTAACCAAGTTCGCCTCGCAGAAGTCTGGA  
TGGACGAGTACAAGGAAATTTTTACAGGAGAAACACAGATGCAGCAAAAATCGTTAAGCAAAAATCATT  
TGGTGTCTTTCAAAAAGATTTGAAATAAAGAAACGCCTTCAGTGTAAAAATTTTACATGGTACCTGAAC  
ACTATTTACCCAGAAGTGTATGTACCAGACCTTAATCCTGTTATATCCGGATATATTAAGAGTGTGGTC  
AGCCTTTATGTCTGGATGTGGTGAATAAACCAGGGAGACAAACCATTGATTCTGTACACGTGCCACGG  
CCTAGGGGAAATCAGTACTTTGAGTATTCTGCTCAGCGAGAAATCCGACACAACATCCAGAAGGAGTTA  
TGTCTTATGCTACTCAGGGTGTGTCCAGCTGAAGGCATGTGTCTATAAAGGTCACAGGACAATCGCCC  
CTGGAGAACAGATATGGGAGATTCGGAAGGACCACTTCTCTATAATCCATTATTTAGAATGTGCCTTTC  
ATCAAATGGAGAGCATCCGAGCTTAGTGCCATGCGACACAACAGATCTACTCCAAAAATGGATCTTTAGC  
CAAATGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR211141 representing NM\_001015032  
 Red=Cloning site Green=Tags(s)

MAHLKRLVKLHIKRHYHRKFWKLGAVIFFFLVVLILMQREVSQYSKEESKMERNLNKNKNMDFMLEAV  
 NNIKDAMPKMQIGAPIKQIDVPERPCLQGYTAAELKPVLDRPPQDSNAPGASGKPFKIHLSPREEQKE  
 KERGETKHCNFAFASDRISLHRDLGPDTRPPECIEQKFKRCPLPTTSVIVFHNEAWSTLLRVTVHSVLY  
 SSPAILLKEIILVDDASVDDYLHEKLEEYIKQFSIVKIVRQQRKGLITARLLGAAVATAETLTFLEDAHC  
 ECFYGWLEPLLARIAENYTAVVSPDIASIDLNTFEFNKPSPYGSNHNHNGNFDWSLSFGWESLPDHEKQRR  
 KDETYPIKTPFAGGLFSISRDYFEHIGSYDEEMEIWGGENIEMSFVRVWQCGGLEIMPCSVVGHVFRSK  
 SPHTFPKGTQVIARNQVRLAEVWMDEYKEIFYRRNTDAAKIVKQKSGDLKSRFEIKKRLQCKNFTWYLN  
 TIYPEVYVPDLNPVISGYIKSVGQPLCLDVGNNQGDKPLILYCHGLGGNQYFEYSAQREIRHNIQKEL  
 CLHATQGVVQLKACVYKGHRTIAPGEQIWEIRKDQLLYNPLFRMCLSSNGEHPSLVPCDITDILLQKWFIS  
 QND

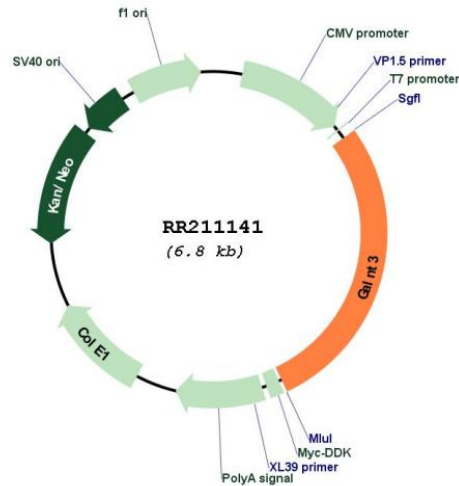
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**


**ACCN:** NM\_001015032

**ORF Size:** 1899 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:**

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\\_001015032.3](#), [NP\\_001015032.2](#)

RefSeq Size: 2764 bp  
RefSeq ORF: 1902 bp  
Locus ID: 366061  
Cytogenetics: 3q21  
MW: 73 kDa