

Product datasheet for **RR214055**

Galnt17 (NM_001025112) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galnt17 (NM_001025112) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Galnt17
Synonyms:	Wbscr17
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR214055 representing NM_001025112
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCACTGAGGAGAGTCAAAGTGTGTTGGTGTGAACCTGATCGCGGTGGCCGGCTTCGTGATCT
 TTTTGGCTAAGTGTGCGCCTATCGCGGTGCGCAGCGGAGACGCCCTTCCACGAGATCCGGCCTCGCGCAGA
 GGTGGCCAACTCAGCGCGCACAGTGCCAGCCCATCCAGGATGCAGTCTGAAGCGCTTGTGCTGCTG
 GAGGACATCGTCTACCGCAACTTAATGGCTTATCTAAATCCCTCGGGCTCATCGAAGGGTATGGTGGG
 GGGCAAAGGAGGCCCTTCTGCCACCTTTCCCTCTGAAGAAGAAAAAGCCAAAGGACCTCATGAGAA
 GTATGGCTACAATTCTACCTCAGTAAAAAGATCTCCTTGGACCGGTCTATTCCAGATTATCGCCCTACC
 AAGTGTAAAGGAGCTCAAATACTCCAAGGAGTTACCCAGATATCCATCATCTTCATCTTCGTGAATGAGG
 CCCTGTCAGTGATACTGCGGTCACTCACAGCGCCGTCATCACAGCCACACACCTGCTGAAGGAGAT
 TATCCTGGTGGATGACAACAGCGATGAAGAGGAGCTGAAGGCCCCCTGGAGGAATATGCCACAAACGC
 TATCCTGGGCTGGTGAAGGTGGTACGCAATCAAAGAGAGAGGGCCTGATCCGAGCACGCATCGAGGGCT
 GGAAGGTGGCCACTGGCCAGTCACTGGCTTTTTCGACGCTCACGTGGAATTCAGTGTGCTGGCTGGCTGA
 GCCCGTTCTGTCCGCATCCAGGAAAACCGAAGCGGGTCACTCCCTCCATCGACAACATCAAGCAG
 GACAACCTCGAAGTACAGCGCTATGAGAACTCCGCCACGGGTACAGCTGGGAGCTGTGGTGCATGTACA
 TCAGCCCCCGAAAGACTGGTGGGACCGCGGAGATCCCTCTCTCCCCATCAGGACACCAGCCATGATTGG
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 GGAGGAGAGAATTTGAACCTGGAATCAAGGTATGGCTCTGTGGCGCAGCATGGAGTCCCTCCGTT
 CAAGGGTGGCCACATTTGAGCGGAAGAAGAAACCGTATAACAGCAACATCGGCTTCTATACCAAGAGGAA
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 GGAGCTTCGTAATAACAAGGCCAAGGATGTCTGCCTGGACCAGGGGCCACTGGAAAACACACAGCAATA
 CTCTACCCATGCCACGGTTGGGGACCACAGCTCGCCCGCTACACCAAGGAAGGCTTCTGCACTTGGGTG
 CTCTGGGGACCACACTCTCTCCCTGATACCCGCTGCCTGGTAGACAACCTCAAGAGCCGGTTGCCGCA
 GCTCCTGGATTGTACAAGGTCAAGAGTAGCTTGTACAAGCGTTGGAACCTCATCCAGAATGGAGCCATC
 ATGAATAAGGGCACAGGGCGCTGCCTAGAAGTGGAGAACCAGGGCCTGGCCGGTATCGACCTAATCCTTC
 GGAGCTGTACAGGACAGAGATGGACAATCAAGAATCCCATTAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR214055 representing NM_001025112
 Red=Cloning site Green=Tags(s)

MASLRVKVLLVLNLIIVAGFVIFLAKCRPIAVRSGDAFHEIRPRAEVANLSAHSASPIQDAVLKRLSLL
 EDIVYRQLNGLSKSLGLIEGYGGRGKGGPATLSPSEEEKAKGPHEKYGYNSYLSEKISLDRSIPDYRPT
 KCKELKYSKELPQISIIIFIVNEALSVILRSVHSAVNHTPTHLLKEIILVDDNSDEEELKAPLEEYVHKR
 YPGLVKVVRNQKREGLIRARIEGWKQVATGQVTGFFDAHVEFTAGWAEPVLSRIQENRKRIVLPSIDNIKQ
 DNFEVQRYENSAHGYSWELWCMIISPPKDWWDAGDPSLPIRTPAMIGCSFVVRNKKFFGEIGLLDPGMDVY
 GGENIELGIKVLWCGGSMEVLPSCRVAHIERKKKPYNSNIGFYTKRNALRVAEVMDDYKSHVYIAWNLPL
 LENPGIDIGDVSERKALRSLKCKNFQWYLDHVYPEMRRYNNNTIAYGELRNNKAKDVCLDQGPLNHTAI
 LYPCHGWGPQLARYTKEGFLHLGALGTTLLPDTRCLVDNSKSRPQLLDCDKVSSLYKRWNFIQNGAI
 MNKGTGRCLEVENRGLAGIDLILRSCTGQRWTIKNPIK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

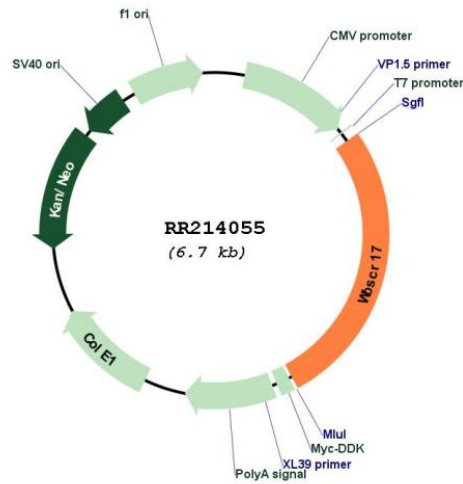
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001025112

ORF Size: 1794 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_001025112.1 , NP_001020283.1
RefSeq Size:	1797 bp
RefSeq ORF:	1797 bp
Locus ID:	288611
Cytogenetics:	12q12
MW:	67.7 kDa