

Product datasheet for **RR214399**

Galnt15 (NM_001025148) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galnt15 (NM_001025148) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Galnt15
Synonyms:	Galnt15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR214399 representing NM_001025148 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAAATCATAATTCAGTGTAAATCTGTGGATTCCTGGCCATCGGGCTCTGGATGGCTATGTTAC
TTTTGTTTTGCACCTTGAACAAGAGGACATGCTGGATAAAGAACTGAGAACTCCTATACAATAGGTC
ATTTGGAAAAATGTGTACCAGCAAGCCAGCCACTCAAAGAAAATCTCAAAGGGGACATCATAATGAC
AGGGCTATGTTTTCGGATCCAGAGCTTATCCAAGGACTGAGTCGATATGGATTAATGTCATTACAGTA
GAAGACTGGGCATCGAGAGACAGGTGCCAGACTCCAGGAACAAAATATGTCAGCAGAAACTACCCATT
TAATCTACCCACTGCCAGCGTCATCATATGCTTTTATAACGAGGAATTTAACACCCTGCTCCGAACAGTG
TCAAGTGTGATGAACCTCAGCCGAAGCATCTCCTGGAGGAGATAATTCTGGTGGATGACATGAGTGAAT
TTGATGATTTGAAAGCCAAGCTGGACTATCATCTGAAATTTTCGTGGGAAAATTAATTAGTAAGAAA
CAAAAAGAGAGAGGGTCTCATCAGATCAAGAATGATCGGTGCCTCCCGTGCTTCAGGAGACATTCTGGT
TTCTTGGATAGCCACTGTGAGGTGAATAGAGTCTGGCTGGAGCCCTTGTGCATGCCATTGCCAAGGACC
ACAAAATGGTGGTGTGCCCTGTTATCGATGTCATCGATGAGTTAACCTTGGACTATGTCGGGTCACTAT
TGTAAGGGGAGCTTTTGACTGGAATCTAAATTTAGATGGGACGATGTTTTCTCATATGAGCTGGATGGC
CCAGAAGGACCAAGTACACCTATCCGGTCGCTGCAATGTCAGGAGGAATCTTGTATATAACAGACATT
ATTTTAACTGAACTGGACAGTATGACAAGGACATGGATCTTTGGGAGGAGAAAATGTAGAACTTTCGCT
AAGAATTTGGATGTGTGGAGCCAGCTCTTCACTCCCTTGTCTCGGGTTGGACATAACAATAAGGCA
CTGAGTAAAAACAGACTTGTAAACCAGAGTGCCTTGTCAAAGAATTTACTTCGAGTGGTTCACGTCTGGC
TGGATGAATAACAAGGAAAATTTTTCTCAAAGACCTTCTTTGACACACGTATCCTGTGAAAATATTAG
TGACCGTGTGAATTAAGGAAACGACTGGGTGCAAATCCTCCAGTGGTATTTGGATAATATCTTTCCA
GAGTTGGAGCCACTCAACCGAGGAAAAGGAACAAAACCATTTTTGTTAGCAAAGGGTAAAAATGTCCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >RR214399 representing NM_001025148
Red=Cloning site Green=Tags(s)

MKNIIIQCLICGFLAIGLWMAMLLLFLHLEQEDMLDKETEKLLYNRSFGKNVYQQASHSKILKGDIIIND
 RAMFSDPELIQGLSRYGLNVITSRRLGIERQVPDSRNKICQKHYPNLPASVVICFYNEEFNTLLRTV
 SSMNLSPKHLLLEEIILVDDMSEFDDLKAKLDYHLEIFRGKIKLVRNKKREGLIRSRMIGASRASGDILV
 FLDSHCEVNRVWLEPLLHAIKDHKMOVCPVIDVIDELTLDYVGSPIVRGAFDWNLNFRWDDVFSYELDG
 PEGPSTPIRSPAMSGGIFAINRHVFNELGQYDKMDLWGGENVELSLRIWCGGQLFILPCSRVGHNNKA
 LSKNRLVNQSALSKNLLRVVHVWLDEYKENFFLQRPSTLHVSCGNI SDRVELRKRLGCKSFQWYLDNIIF
 ELEPLNRGKGTKPFLAKGNVP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

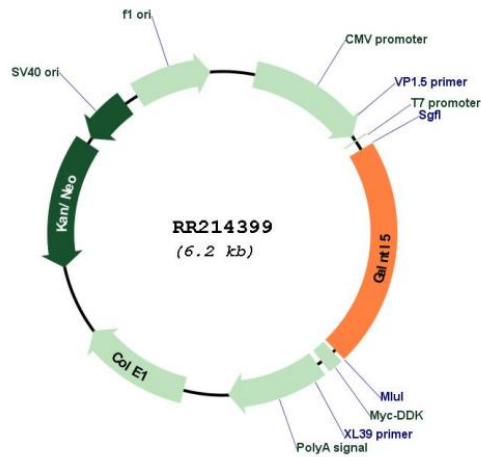
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001025148

ORF Size:	1329 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_001025148.1 , NP_001020319.1
RefSeq Size:	1568 bp
RefSeq ORF:	1332 bp
Locus ID:	499968
Cytogenetics:	4q11
MW:	51 kDa