

Product datasheet for MR214831

Galnt9 (NM_001122639) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galnt9 (NM_001122639) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Galnt9
Synonyms:	GalNAc-T9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR214831 representing NM_001122639 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGTA**CTCCCTGCTCCCGCTGGCCACATTGAGCGTACCAAAAAGCCATATAACAACGACATCG**
ACTACTACGCCAAACGTAATGCACTAAGGGCGCCGAGGTGGATGGACGACTTCAAGTCCCACGTGTA
CATGGCATGGAATATCCCATGACAAACCAGGAGTAGACTTTGGGGATGTATCCGAGAGGCTGGCCCTG
CGCGAGAAGTTAAATGCCGAAGCTTTAAGTGGTACCTGGAGAACGTGTACCCCGAGATGAGGATCTACA
ACAACACCCTCACGTACGGAGAGGTGAGAAACAGCAAAGCTAGCGGCTACTGCTTGGACCAGGGGCGAGA
AGACGATGACCGAGCCATCCTCTACCCCTGTCATGGCATGTCCTCACAGCTGGTGCCTACAGTGGCGAA
GGTCTCTGACGCTGGGACCCCTGGGCTCTACCGCCTTCTGCCCGACTCCAAGTGTCTGGTAGATGACG
GCCGGGGACGCATGCCACCCCTGAAGAAGTGTGAGGATGTAGCCAGGCCACGCAGAGGCTATGGGACTT
CACCCAGAGCGGCCCATCGTGAGCCGAGACACGGGTCGGTGTCTGGAGGTAGAGATGTCTAAAGATGCC
AACTTTGGGCTGCGGTTAGTAGTACAGCGCTGCTCGGGGCAGAAGTGGATGATCCGAACTGGATCAAAC
ACGCCAGGCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >MR214831 representing NM_001122639
Red=Cloning site Green=Tags(s)

MEVLPCSRVAHIERTKKPYNNDIDYYAKRNALRAAEVWMDDFKSHVYMAWNI⁺PMTNPGVDFG⁺VDV⁺SERLAL
 REKLKCRSFKWYLENVYEMRIYNNLT⁺TYGEVRNSKASGYCLDQGAEDDDRAILYPCHGMSSQLVRYSAE
 GLLQLGPLGSTAFLPDSKCLVDDGRGRMPTLKKCEDVARPTQRLWDF⁺TQSGPIVSRDTGR⁺CLEVEMSKDA
 NFGLRLVVQRCSGQKWMIRNWI⁺KHARH

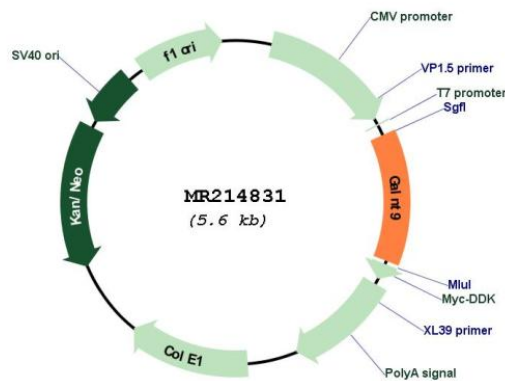
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001122639
ORF Size: 711 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_001122639.2
RefSeq Size:	1560 bp
RefSeq ORF:	714 bp
Locus ID:	231605
Cytogenetics:	5 F
MW:	27.8 kDa