

## Product datasheet for MC210651

### GalntI5 (NM\_026449) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	GalntI5 (NM_026449) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	GalntI5
Synonyms:	1700021B12Rik; Galnt15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC210651 representing NM_026449 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAAAGTGCATAATTCAGGGTTTATTCTGTGGATTCTGGCCATCGGGCTCTGGGCATCTATGTTAC  
TTTTGTTTTGCACCTTGAACAAGAAGACATGCTGGAGAATGAAAAGGAGGAACCTAAAGAAGAGGTC  
ACTCGAAAAAATGCGCACCAGCAAACCGTCACTCAGAGGACGTCATCATGATGAGGTTAACTTTTCA  
GATCCAGAACTTATCCAAGGATTGAGGCGATATGGATTAATGCCATCATGAGTAGAAGACTGGGCATCG  
AGAGAGAGGTGCCAGATTCCAGGGATAAAAATATGTCAGCAGAAACACTACCCATTCAATCTACCCACTGC  
CAGCATCATCATATGCTTCTATAATGAAGAATTAACACCTTGCTCCGGGCGAGTGTCCAGTGTGGTGAAC  
CTCAGTCCGCAGCATCTCCTGGAGGAGATCATTCTGGTGGATGACATGAGTGAATTTGATGATTTGAAGG  
ACAACTGGACTATTATCTGAAATTTTCGTGGAAAAGTTAAATTAATAAGAAACAAAAAGAGAGAGGG  
TCTTATCAGATCAAAGATGATTGGCGCTCCCGGGCTTCAGGGGACATCCTGGTGTCTTGGATAGTCAC  
TGTGAGGTGAATAGAGTCTGGCTAGAACCCTTGCTGCATGCCATTGCTAAGGATCACAAAATGGTGGTAT  
GCCCTATTATCGATGTCATCAATGAATTAACCTTGGATTATATGGCGGCACCTATTGTAAGGGGAGCTTT  
TGACTGGAATCTGAATCTCAGATGGGACAATGTTTTCGCATATGAGTTGGACGGCCAGAAAGGACCAAGT  
ACACCTATCCGGTCACCTGCAATGACAGGAGGAATTTTTGCTATAAACAGACATTATTTTAACTTG  
GACAATATGACAACGGCATGGATATTTGTGGAGGAGAAAATGTGGAACCTTCGCTAAGAATCTGGATGTG  
TGGAGGCCAGCTTTCATACTCCCTTGCTCGGGTTGGATATAACAGTAAGGCGCTGAGTCAACACAGG  
CGTGCAAACCAGAGTGCCTTGTCAAGGAATTTACTGCGAGTGGTTCACGCTGGCTAGATGAATACAAGG  
GAACTTTTTTCTCAAAGACCTTCTTTGACATACGTTTCTGTGGAAAATATTAGTGAGCGCGTGGAAAT  
AAGGAAACGCCTGGGTTGCAAGTCATTCCAGTGGTATTTGGATAATATCTTTCCAGAGTTGGAGCCATT  
AACACAGAGAGGAAAAGGAAAAAATCGTTTC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_026449
<b>Insert Size:</b>	1296 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_026449.3</a></u> , <u><a href="#">NP_080725.2</a></u>
<b>RefSeq Size:</b>	1599 bp
<b>RefSeq ORF:</b>	1296 bp
<b>Locus ID:</b>	67909
<b>UniProt ID:</b>	<u><a href="#">Q9D4M9</a></u>
<b>Cytogenetics:</b>	5 A3
<b>Gene Summary:</b>	Probable inactive glycosyltransferase required during spermatid development. May participate in protein loading into the acrosomes and accumulation of ubiquitin-proteasome systems around the head-tail coupling apparatus region.[UniProtKB/Swiss-Prot Function]