

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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC210651 representing NM_026449
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAAAAGTGTCAATAATTCAGGGTTTATTCTGTGGATTCTGGCCATCGGGCTCTGGGCATCTATGTTAC
 TTTTGTGTTTGCACCTTGAACAAGAAGACATGCTGGAGAATGAAAAGGAGGAACCTCTAAAGAAGAGGTC
 ACTCGGAAAAATGCGCACCGAGCAAAACCGTCACTCAGAGGACGTCACTCATGATGAGGTTAACTTTTCA
 GATCCAGAACTTATCCAAGGATTGAGGCGATATGGATTAATGCCATCATGAGTAGAAGACTGGGCATCG
 AGAGAGAGGTGCCAGATTCCAGGGATAAAATATGTCAGCAGAAACACTACCCATTCAATCTACCCACTGC
 CAGCATCATCATGCTTCTATAATGAAGAATTTAACACCTTGCTCCGGGCAGTGTGAGTGTGGTGAAC
 CTCAGTCCGCAGCATCTCCTGGAGGAGATCATTCTGGTGGATGACATGAGTGAATTTGATGATTTGAAGG
 ACAAAGTGGACTATTATCTGGAATTTTCTGCGAAAAGTTAAATTAATAAGAAACAAAAAGAGAGAGGG
 TCTTATCAGATCAAAGATGATTGGCGCCTCCCGGGCTTCAGGGGACATCCTGGTGTCTTGGATAGTCAC
 TGTGAGGTGAATAGAGTCTGGCTAGAACCCTTGCTGCATGCCATTGCTAAGGATCACAAATGGTGGTAT
 GCCCTATTATCGATGTCATCAATGAATTAACCTTGGATTATAGCGCGCACCTATTGTAAGGGGAGCTTT
 TGACTGGAATCTGAATCTCAGATGGGACAATGTTTTCGCATATGAGTTGGACGGCCAGAGGACCAAGT
 ACACCTATCCGGTCACCTGCAATGACAGGAGGAATTTTGTCTATAAACAGACATTATTTTAACTTG
 GACAATATGACAACGGCATGGATATTTGTGGAGGAGAAAATGTGGAACCTTCGCTAAGAACTCGGATGTG
 TGGAGGCCAGCTCTTCACTCCCTTGCTCTCGGGTTGGATATAACAGTAAGGCGCTGAGTCAACACAGG
 CGTGCAAACAGAGTGCCTTGTCAAGGAATTTACTGCGAGTGGTTCACGTCTGGCTAGATGAATACAAGG
 GAACTTTTTTCTTCAAAGACCTTCTTGACATACGTTTCTGTGAAATATTAGTGAGCGCGTGGAAAT
 AAGGAAACGCCTGGGTTGCAAGTCATTCCAGTGGTATTTGGATAATATCTTCCAGAGTTGGAGCCATTT
 AACACAGAGAGGAAAAGGAAAAAATCGTTTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_026449

Insert Size: 1296 bp

OTI Disclaimer: 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).

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_026449.3, NP_080725.2

RefSeq Size:	1599 bp
RefSeq ORF:	1296 bp
Locus ID:	67909
UniProt ID:	<u>Q9D4M9</u>
Cytogenetics:	5 A3
Gene Summary:	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]