

Product datasheet for RN210254

Ggta1l1 (NM_001037583) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ggta1l1 (NM_001037583) Rat Untagged Clone
Tag: Tag Free
Symbol: Ggta1l1
Synonyms: Ggta1; Glt6d1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN210254 representing NM_001037583
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAAGTATAAAAAAGAAACACTGTTGCTAATTCTGCTTGTATATTGCTAGCACTAACTCAGCGCTACT
 CCAGAACAAGGATCACCTACAGAAGATGTACACCTGCTGGAGAGATCATCTGGAAGAACCTCAGCTCGA
 GTCTTGGTTTAAATCCAAAAAACGTCCTGATGTTATAGCAACAACCTGGTTGGCTCGCTCCAGTCTTATGG
 GAAGGAAGTATGACAGAGAAGTTCTAGAACAATATTATAAGAGACTGAACATCACCGTAGGCTTGGCTG
 TCTTTGCTACTGGAACTTTTCAAGTGAGTCCCTGAGACGCTTCATAAAATCTGCCAATAAGTACTTCAT
 GGTGGCTACAATGTTATTTTCTACATCTTGGCTGATGGCACGAGCAATCTACCATACCTTGAGTTGGGT
 CCTCTTCGGACACTTAAATGTGGAGGCTCTCTGGAGAAGAGATGACTTATGAAGACAGTAACTCAGGA
 ACATGAATAACATGCGATACAAAATCATGGAACATATTCAATATGAAGTCAACTTCTCTTCGTGATGAC
 TGCGAACCAGATCATCAAGAGCCACTTTGGAGTAGAACTTTGGGCAGATCTGTAGCTCACTCCATGCA
 TGGTGGTATTTCAACAGCCAGAGAGTCCCTTATGAGAGAAGAAGAAAGCCTCAGCTTTCATTGCTT
 TTGAAGAGGGAGATTTCTATTACCACAGTGCCATTGTTGGTGGCACGCCCTAGATGTCTTAGATCTCAT
 CGAACACTATATAAAGGGAATTATAGATGACAGGACAAATGAACCTTCTAGCACGTATGAAAGACACCTA
 AATAAATATTTTTTATCAAAAAACCCGTTAGGGTGTTATCACCAGAGTACAACCTGGGACCCAAGATTTA
 AAACCTCCAGAAATCTGGCATATTAAGGTAGCATGGCAACCACGAATCACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001037583



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Insert Size:	966 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:	<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:	<u>NM_001037583.1</u> , <u>NP_001032672.1</u>
RefSeq Size:	966 bp
RefSeq ORF:	966 bp
Locus ID:	652927
UniProt ID:	<u>G3V9Q9</u>
Cytogenetics:	3p11
Gene Summary:	Synthesizes the galactose-alpha(1,3)-galactose group by catalyzing the transfer of a galactose residue, with an alpha-1,3 linkage, on terminal lactosaminide (Gal-beta-1,4-GlcNAc-R) disaccharide borne by a glycoprotein or a glycolipid.[UniProtKB/Swiss-Prot Function]