

Product datasheet for **MG215817**

Glccil (NM_133236) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Glccil
Synonyms:	2310047L21Rik; A130036A18Rik; Fam117c; Gig18; Tssn1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >MG215817 representing NM_133236
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCCACTGCGTCTCCAGTTCCTCTCAGACCCCTCACTCCGCGCCGAGAGGATGCGGCGCAGCACCG
 CGGGCTCCCGCCCGCCGCTGCCGGGAGCGGGACGGGGCCGGCCGGGAGCTGCGCACCGGCTGCGGGAGC
 CGGTGCGGTGCTGCAGCCATCCGCGCCACGGTGCCCTACCAGTCTCTCGGGGCGAGCCAGCACAGCCCC
 ACGGCGCCCGCCGCGCCGCGCCACCGCCGCGCCGCGCTCGGCAGTCTCTCCGGGCGCGAGGGGGCC
 GCGGCCAGCCCGTCCAGCCGACTCCACCGCCGGCCGCTGCCCCAGCCGAGCAGGCGCCTCGCGCCAA
 GGGCCCGCCGAGACGGTCCCCGAGAGCCGGCGGAGGAGCAGCTCACCTGAGAGACGGAGTCCCGGCTCG
 CCCGTGTGCAGAGTGGACAGGCCAAAATCTCAACATATTGAACTCTAGTACAATAAGGCGAACCTCTT
 CTCTGGATACGATAACAGGACCTTACCTCACAGGACAGTGGCCACGGGACCCTCATGTTCACTACCCTTC
 ATGCATGAGAGATAAAGCCACTCAGACACCTAGTTGCTGGGCAGAAGAGGGAGCAGAAAAAGCATCAT
 CAGCGTCTGCATCATGGGAAAGTGTGATCAACTGAAAGAGATTGCCAACTTAGGCAACAGCTACAAC
 GCAGCAAGCAAAGTAGTCGGCATAGTAAAGAGAAGGACAGACAGTACCTCTCCATGGCAACCACATAAC
 AATCAGTCACTACTCAGGCTATTGGATCAAGATCAGTCCCTATGCCTCTGTCAAACATATCAGTGCCAAAA
 TCATCTGTTCCCGTGTACCTGCAATGTAGAAGGAATAAGTCTGAATTGAAAAGGTATTCATCAAAG
 AAAACAATGAAAAGGAAGTGTCCAAGCCATTGGATATACCAGATGGTCGAAAGAGCTCCGCTCCCTGC
 TCACTACAGGAGCAGTAGTACTCGAAGCATAGATACCCAGACACCTTCTGTCCAAGAGCGCAGCAGTAGC
 TGCAGCAGCCACTCCCCTTGTGTGTCCCAATTTGTCTCCGGAATCCCAGGATGGAAGTCTTGTTCAA
 CAGAAGATTGCTCTATGATCGTGATAAAGACAGTGGGAGTAGCTACCGTTACCCAAGTATGCTTCATC
 TCCCAAACCAACAACAGCTACATGTTCAAACGGGAGCCCCAGAGGGATGTGAGCGGGTGAAGGTCTTT
 GAGGAAATGGCGTCTCGTCAGCCTATCTCGGCCCTCTCTTTTCATGTCCTGACAAAAACAAGTTAATT
 TCATCCCAACCGGATCAGCTTCTGTCTGTAAAACCTCTAGGCCCTCTTACCTGCCTCTGACCTGAT
 GCTCAAGAACTCCCTAATCTGGCCAGAGCTCGGCTCTGGCAACTGACCGTAGAGCAGCTTTCCTCC
 CGGGTTTCTTACATCTCTCTGATGACACCAGCACAGCCGACTCCCTGGAGCCCTCTGCCACAGCAGC
 CATCTCAGCAGCAGCAGCTCTACAGGACTTGCAGGTGGAGGAACAGCTCTCCACTCAGAATATGTGAT
 GATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG215817 representing NM_133236
 Red=Cloning site Green=Tags(s)

MSTASSSSQTPHSAPQRMRRSTAGSPPAAAGSGTGPAGSCAPAAGAGRLLQPIRATVPYQLLRGSQHSP
 TRPAAAAATAAALGSLSGPGGARGPSPSSPTPPAAAAPAEQAPRAKGRPRRSPESRRRSSSPERRSPGS
 PVCVRDRPKSQHIRTSSSTIRRTSSLDITIGPYLTGQWPRDPHVHYPSCMRDKATQTPSCWAEEGAERKSH
 QRSASWGSADQLKEIAKLRQQLQRSKQSSRHSKEKDRQSPHLGNHITISHTQAIGRSVPMPLSNI SVPK
 SSVSRVPCNVEGISPELEKVF IKENNGKEEVSKPLDIPDGRRAPLPAHYRSSSTRSIDTQTPSVQERSSS
 CSSHSPCVSPFCPPESQDQSPCSTEDLLYDRDKDSGSSSPLPKYASSPKPNNSYMFKREPPEGCERVKVF
 EEMASRQPI SAPLFCSPDKNKVNF IPTGSAFCPVKLLGPLL PASDMLKNSPNSGQSSALATLTVEQLSS
 RVSFTLSDDTSTADSLEPSAQQPSQQQLLQDLQVEEHVSTQNYVMI

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:


ACCN: NM_133236

ORF Size: 1614 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:**
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.

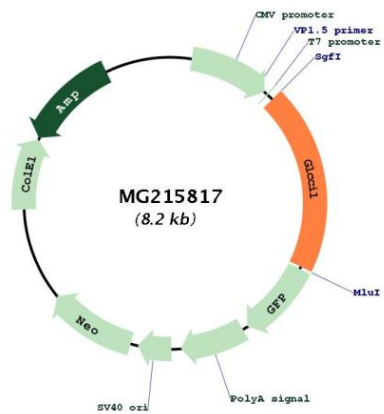
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_133236.3](#), [NP_573499.2](#)

RefSeq Size: 6204 bp

RefSeq ORF: 1617 bp
 Locus ID: 170772
 UniProt ID: [Q8K3I9](#)
 Cytogenetics: 6 A1

Product images:



Circular map for MG215817