

## Product datasheet for **RN200749**

### **Glrb (NM\_053296) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Glrb (NM_053296) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Glrb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN200749 representing NM\_053296  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGTTTTCGTTGGCAGTCTCCTTTTTTATTTAATGCCTTGTGTTGAAGACGCTTGTCTAAGG  
 AAAAGTCTTCCAAGAAAGGGAAGGGGAAAAAGAAGCAGTATTTGTGCCATCTCAACAGTCGGCCGAGGA  
 CCTTGCCCGTGTGCCCCCAACTCCACCAAGCAATATCTTGAACAGGCTGCTGGTCAGTTATGATCCAGG  
 ATAAGACCAAACCTCAAAGGCATTCTGTTGATGTAGTAGTCAACATTTTTATTAATAGTTTTGGATCTA  
 TTCAAGAGACAACAATGGACTATAGAGTTAATATTTTCTGAGGCAGAAGTGAACGACCCAGACTCAA  
 GCTCCCTAGTGACTTCAGAGGCTCAGATGCACTGACAGTTGACCCACCATGTATAAGTGCTTGTGGAAG  
 CCCGACTATTCTCGCAAATGAAAAAGTGCCAAATTTTCATGATGTAACCAAGAAAACATCTGTTGT  
 TTATTTTTCGGGATGGAGACGTCCTTGTGAGCATGAGGTTGCCATCACTTTTCATGTCCTTTGGACTT  
 AACTCTGTTTCCATGGACACACAACGCTGCAAGATGCAACTTGAGAGCTTTGGTTACACCACTGATGAT  
 TTGAGATTCATCTGGCAGTCAGGAGATCCTGTTCAAGTTGAAAAAATGCTTTGCCCTCAGTTTGATTA  
 AAAAGGAGGATATCGAATATGGCAACTGTACAAAATACTATAAAGGCACTGGTACTACACCTGTGTGGA  
 GGTCACTTACACCTGAGGAGACAGGTTGGGTTTACATGATGGGTGTGTATGCACCAACCTGCTGATT  
 GTGGTCTCTCTGGCTCTTTTCTGGATCAACCTGATGCCAGTGCTGCCAGAGTACCTCTGGGCATCT  
 TCTCCGTGCTCAGTTTGGCCTCAGAGTGCACCACCTCGCAGCGGAGCTTCCCAAAGTGCCTACGTGAA  
 GGCAGTGGATGTGTGGCTCATTGCCTGCCTGCTTTCGGGTTTGCTCCCTCGTGGAGTATGCTGTTGTC  
 CAGGTGATGTTGAACAATCCCAAAGGGTTGAAGCTGAGAAAGCCGAATCGCCAAGGCTGAGCAAGCAG  
 ATGGGAAAGGTGGAAACGCAGCTAAGAAGAACACTGTGAACGGCACGGGACCCCTGTTTCATATCAGCAC  
 TTTGCAGGTTGGTGAGACCAGATGCAAAAAAGTTGTACTTCCAAGTCTGATCTGAGATCCAATGACTTC  
 AGCATTGTTGGCAGCTTACCAAGAGATTTTGAATTATCCAATTATGACTGCTATGGGAAACCCATTGAAG  
 TCAACAATGGACTTGGGAAACCACAGGCAAGAACAAGAAGCCTCCGCCTGCCAAGCCTGTATCCCCAC  
 GGCAGCCAAGCGCATTGACCTCTATGCAAGAGCATTATTTCCCTTCTGCTTCTTGTCTTCAACGTTATA  
 TATTGGTCTATATTTATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_053296

**Insert Size:** 1491 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\\_053296.1](#), [NP\\_445748.1](#)

**RefSeq Size:** 1491 bp

**RefSeq ORF:** 1491 bp

**Locus ID:** 25456

**UniProt ID:** [P20781](#)

**Cytogenetics:** 2q33

**Gene Summary:** plays a role in synaptic transmission [RGD, Feb 2006]