

## Product datasheet for **RN209918**

### Glyctk (NM\_001109449) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Glyctk (NM_001109449) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Glyctk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN209918 representing NM\_001109449  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGCAGCCCTACAGTCTTGCCCTGTCTCCTCCGAGCCCCGTACGGCCATTCCTCTGGGGCCCC  
 CGGTGGCCCGGATGACCAGTGGTATGGCCTTGGCAGAACAGGCACGGCAGCTGTTTGATAGCGCTGTGGG  
 TGCTGTGCAGCCAGGCCCATGTGTCAGAGGACTGTCTTGGATCCTAGTGGCAAACAACCTGAAGGTG  
 AGGGACCGGACCTTTCAGCTACAAGAAAACCTCTACCTAGTGGGCTTCGGCAAGGCCGACTGGGTATGG  
 CTGCTGCAGCTGATGAGCTACTGGCCAGCATCTTGTGCAGGGTGTATCAGCGTACCCAAGGGGATCCG  
 AGCTGCCGTGGAGCTTCCGAAAGCAAGAGATGCTGCTGAAGCCACACAGCCACATCCAGGTGTTTGA  
 GCGCCGAGGACAACCTACCGGATCGGGATGCCTTCGGGCCGCTCAGGCCATCCAGCAGCTGCCAGAGA  
 GGCTCACTGCCGACGACCTGCTGCTTGTGCTCATCTCAGGTGGGGCTCAGCCCTGCTGCCCGCTCTAT  
 CCCACCTGTCACACTAGAGGAGAAACAGACGCTCACCAAGCTGCTGGCGGCCGAGGAGCCACAATCCAG  
 GAGCTGAACACGATCCGCAAGGCCCTGTCCAGCTGAAGGGTGGAGGGCTGGCTCAGGCCGCTACCCTG  
 CTCAGGTGGTAAGCCTCATCTTGTGAGATGTGATCGGGGACCCTTGGAGGTGATTGCCAGTGGCCCTAC  
 AGTGGCCAGCACCCACAGTGTGCAAGATTGCCTGCATATCTTAATCACTATGGTCTCCGTGCTGCTCTG  
 CCACGCTCTGTGAAGACCGTGTCTCTCGGGTACTCTGATCCCCACGGACCACATACCTGTGGTCAGC  
 TCCTCAATGTGATCATCGGCTCTAATTCTCGCCCTGGCCGAGGCTCAGCGCAAGCTGAGGTCTGGG  
 CTACCACGCCATGGTGTGAGCACAGCCATGCAGGGTGTGTAAGACGTGTGGCTCAGTTCTATGGGCTG  
 CTAGCCCGGGTGGCTGCAGCCTGCCTCACTTATCCACAGCTGAGCGTCCCTTGGAGGAGGAGGCAAAAC  
 TCCATCAGCTGGCAGCTGAGCTCCAGCTCCCGACCTGCAGCTGGAGGAGGCTCTGGAAGCTGTGGCAAA  
 GGCTAAAGGGCCAGTCTGCCTCCTGGCTGGCGGGGAGCCACCCTGCAGCTGCAGGGATCTGGCAAGGGC  
 GGTCCGAAACCAAGAACTGGCCCTGCGTGTGGGAGCAGAGCTGGGAAAGCAGCCACTGGGGCTGTTGATG  
 TGCTGTTCTTGAGTGGAGGCACTGATGGCAGGACGGCCATAAAGGTGGCCGGGGCTGGGTCATGTC  
 TGACCTTGTAGCCAGGCTTCTGCTGAAAACCTGGATTTTCCACCTTCTCGACAACAATGACTCGTAC  
 ACGTTCTTTTGCAGCTTCCAGGGTGAACACATTTGCTGCATACAGGGTTGACGGGAACCAATGTCATGG  
 ATGTCCACCTCTGGTTTTTCATCTCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001109449

**Insert Size:** 1572 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\\_001109449.2](#), [NP\\_001102919.1](#)

**RefSeq Size:** 2002 bp

**RefSeq ORF:** 1572 bp

**Locus ID:** 684314

**UniProt ID:** [Q0VVK3](#)

**Cytogenetics:** 8q32