

Product datasheet for **MC228153**

Glyctk (NM_001039586) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Glyctk (NM_001039586) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Glyctk
Synonyms:	6230410P16Rik; C430006L12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228153 representing NM_001039586
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCGGCCCTACAGGTCTTGCCCTGTCTCCTCCGAGCCCCATCCCCTCCACTCCTCTGGGGCCCC
 CAGTGGCCCGGATGACCAAGTGGTATGGCTTTGGCAGAACAGGCACGGCAGCTGTTTGATAGTGCAGTGGG
 TGCTGTGCAGCCAGGCCCATGTGTCAGAGGACTGTCCCTGGATCCTAGTGGCAGACAGCTGAAGGTG
 CGGGACCGGACTTCCAGCTGCGGGAAAACCTCTACCTAGTGGGCTTCGGCAAGGCCGACTGGGCATGG
 CAGCTGCTGCCGAGGAGCTGCTGGCTCAGCATCTTGTGCAGGGTGTGATCAGCGTACCCAAGGGGATCCG
 AGCCGCTATGGAACATGCTGAAAGAAAGAGATGCTGCTGAAGCCACACAGCCGATCCAGGTGTTGAG
 GCGCCGAGGACAACCTACCGGATCGGGATGCACTCCGGGCCGCGCTGACCATCCAGCAGCTGCCAGAGG
 GGCTCACTGCAGATGACCTGCTGCTGGTCTCATCTCAGGTGGGGCTCAGCCCTGCTGCCTGCTCCTAT
 CCCACCTGTCACACTGGAGGAGAAACAGATGCTCACCAAGCTGCTGGCAGCCGAGGAGCCACGATCCAG
 GAGCTGAACACCATCCGCAAGGCCCTGTGCGAGCTGAAGGGTGGAGGGCTGGCTCAGGCTGCCTATCCTG
 CTCAGGTGATAAGCCTCATCTTGTGAGATGTGATTGGGGACCCTTTGGAAGTGATTGCCAGTGGCCCTAC
 GGTGGCCAGCACCAAGTGTGCAAGACTGCCTGCATATTCTCAACCACTATGGCCTCCGTGCTGCTCTT
 CCCCCTCTGTGAAGACTGTGCTCTCCCGAGCTGACTCTGACCCCATGGACCACACACCTGTGGCCACG
 TCCTCAATGTGATCATCGGCTCTAACTCTTGGCGCTGGCTGAGGCTCAGAGGCAAGCCGAGGTGCTGGG
 CTACCATGCCATGGTGTGAGCACAGCCATGCAGGGTGTGTAAGAGTGGCTCGGTTCTACGGGCTG
 CTAGCCCGGGTGGCTGCAGCCACCTCACTCCATCCTTGGCTGAGCGTCCCTTGGAGGAGGAGCCGGAAC
 TCCATCAGCTGGCAGCTGAGCTCCAGCTCCCGGACCTGCAGCTGGAGGAGGCTCTGGAAGCGGTGTA
 GGCTAAAGGGCCGGTCTGCCTCCTGGCTGGTGGTGGAGCCACGGTGCAGCTGCAGGGATCTGGCAAGGGC
 GGTGGAACCAAGAACTGGCCTTGCACGTGGGAGTGGAGCTGGGAAGGCAGCCACTGGGACCTATTGATG
 TGCTATTTTTGAGTGGAGGCACTGATGGCAGGATGGGCCTACAAGGTGGCCGGGGCTGGGTCATGTC
 TGATCTCATCAGCCAGGCTTCTGCTGAGAGCCTGGACATCGCCACCTCCCTCGCCAATAACGACTCATA
 ACTTTCTTTTGGCGTTCGGGGAGGAACATTTGCTGCACACAGGGTTGACAGGGACCAATGTTATGG
 ATGTCCACCTCCTGATTCTTCATCCTCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001039586
- 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001039586.1](#), [NP_001034675.1](#)

RefSeq Size: 4090 bp

RefSeq ORF: 1572 bp

Locus ID: 235582

UniProt ID: [Q8QZY2](#)

Cytogenetics: 9 F1