

Product datasheet for **RN217008**

Dglucy (NM_001173557) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dglucy (NM_001173557) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dglucy
Synonyms:	RGD1311756
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217008 representing NM_001173557
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTACCCTTCTCACTTCTCTTGGAGTCTGTCTCCCCTCTGCCATAAGGAGTCTACCGAAGGCAGCAC
 ACATCAGAAACATATCCAGCATGACTGGAGGACTCCAGCCGGCTAGTGTGGTGGTCTGCCAGATCCCT
 AGCACCAGCCTTTGAAAGCTTCTGCCAGGGTAACCATGGTCTCTACCCCTACTCGGACAAAGTGAGCCG
 GAGAAGACATTTCTCAGCTGAGTGTGTCCAGACATAAGGACCATCTGTCCACAGTTTCAGAAATACG
 AGTTTGGCACCTGCACTGGCATCCTGACCTCACTGGAAGAGTACTCAGAACAGCTCAAGGACATGGTGAC
 CTTTCATCATGGACTGCAGCTTCTCTATAGAAGAGGCCCTTGAACAGGCAGGGATCCCCAGAAGAGACCTA
 ACAGGTTCCGGCCATGCAGGAGCATACAAGACAGCAGTACCCTGTGCCACCATCGCTGGCTTCTGCTGCC
 CTCTGGTGGTCAATGAGACCAGTTCCCAAGGACAAGCTGGAAGGCTGTTGCTGGCCACTCACTCCCT
 GGGAGGACAGCAAGGACAACCCATCCACATTGGTGACCCAGAACTCTGGGAATCAAGCCACTTTCTAAA
 CCTGACTATGGGAGTTATGTGGAGTGTCCGGCCCGGGATGTCCAGTGTCTGGCCTTCTCATCTGACCA
 GTCTGGAAGCAGTCATCGGCTGCAAGGCCCGTTGGCTTTCGCCAGCCCTCCAGGCTGCACGGTGATGAT
 CCCCAGGGACACAGTGTCCCAGCCAGTCCGACTCCTCAGATGGTCCAGAAGTCCACGCCATCTCC
 AAAGACCTTTGCACTACAGCATAGTGTCCGGCCCTGCTGCTCAAAGATCAGAGAGCTAGAGTCCACAA
 TTGCCACAGACCCAGGTAACCCGGGAATTGGGCACCTGCTACTTAAAGATGAGTTACTGCTGGCAGCTCT
 GTCAGTGTCTCACGCGCACTCCGTAAGTGGTCCACTGGATTCCCGACACATTTCACTCACGAGCCCCCA
 GAAGAGACGGATGGCCACCCGGGAGCTATCGCTTTAGCTGCCTTCTACAGGCTCTGGGGAAGGAGGCCG
 CCATGGTGGTAGACCCGGAGACCTTGAACCTGCATACGAAGATTGTTGAAGATGCCGTGAAGCAAGGAGT
 TCTCAAGACACCAATCCCCATATTAACCTACCGAGGAGGATCCGTGGAAGATGCTCGGGCATTCTGTGC
 AAAGATGGGGACCCCAAGTCTCCTAGATTGACCATCTGGTGGCCGTAGAGCGTGCAGGGAAGGGCCGCGG
 ATGGTAATTACTACAACGCAAGGAAGGTGAACATCAAACACTTAGTTGACCCCATCGACGACATTTTCT
 GGCCGCACAAAAGATTCTCGAATCTCATCAACTGGCGTGGTGGATGGAGGCAATGAGCTCGGGATGGGC
 AGAGTGAAGGAGGCCGTGAAGAAGCACATCAGAAATGGAGATGTCATCGCCTGTGATGTGGAGGCTGACT
 TTGCCGTCATTGCTGGTGTCTAACTGGGAGGCTATGCCCTGGCCTGTGACTATACATTCTGAACTC
 ATGCCAGTCCATGAGCGTTACCTGAGGAGGGCAACTGGACCTTCCGGGAAGCAGGGGAACAAAGCTGG
 ATTCAGGCCCTGCCGTCTGTGCTAAGGAAGAAAAATGTTGGGCATCCTGGTACAGAACCAAGTTCGAA
 GTGGAGTCTCGGCATCGTGGGCATGGAAGTGGATGGGTTGCCTTCCATGGTGTCCACGCTGAGATGAT
 CCAGAAGCTGGTGGATGTACCACAGTGCCCAT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001173557
- Insert Size:** 1857 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_001173557.1](#), [NP_001167028.1](#)

RefSeq Size: 3102 bp

RefSeq ORF: 1857 bp

Locus ID: 362769

Cytogenetics: 6q32