

Product datasheet for **RN202217**

Dym (NM_001106133) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dym (NM_001106133) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dym
Synonyms:	RGD1309111
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN202217 representing NM_001106133
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGATCGAACAGCAGCAAGATCAGTGATCTACCTAAGAATGAGTACTTAAAGAGGCTGTCAGGCCCG
 AGGCTATCTCTGAAAACGACCCCTTCTGGAATCAGCTCTTCTCTTTTCTTCTCTGACCAACCCAGCAG
 TACTGAGTTGAAGCTGTTAGAAGAGGCAACCATTTTCAGTTTGAAGTCTTTGGTTGAAAACAACCCTCGA
 ACAGGGAACTCGCTGCGCTAACTAAGGTCTTCTTGCTAGAACCAGAGAGCTCAGGCTTTCGGCCGAGT
 GTCAGAACCACATCTTCTGCGCAGACACACAATGCCTTGTTTATCATCTGCTGCCTGCTGAAGGTGTT
 CATCTGTGAGATGTCTGAGGAAGAGCTGCAGTTCACCTCACGTATGAAGAAAAGTTGCCCGGCACCTAC
 AGTTCTGACTCTGAAGATCTTTTGAAGAATTGCTCTGCAGCTTGATACAGTTAATCACTGACACTCCAC
 TCCTGGATATCACATATGAGATATCAGTGGAGGCCATCTCAGCAATGATTGTCTTCTTTCTGTCAGCT
 CTTCCACAAGGAGTTCTGCGGCAGAGCATCAGTCACAAGTACCTGATGCAAGGTCCATGTCTTCCCTAC
 ACCAGCAAACCTTGAAAACCTTATTATATAACTTTATCAGACAAGAAAAGCCACCTCCGCCCGGAACCC
 ATGCTTCCCTCAGCAGTCGGACGGGGGAGGACTGCTGTATGGACTGGCGTCAGGAGTAGCAACTGGTCT
 CTGGACCGTCTTTCAGCTAGCGGGGGTGGGCAGCAAAGCCGCCTCTCCGAACTTACTTCCCTCTGGCC
 AACAGAGTCTCCTGCTGCTGTTGGTGCTGGTGAACCTGACGGATGCCCCAGACATCCCCAACCCCTACA
 GACAGGCCGTCACGTCGTTCAAGAACACACAAGACAGCAGTCCGTTCCATCATCCGTCGCCGACACCTT
 CCAGATTAACCTTAACAGTTTGTACACAACCCGTGTGAACAGCAGACGCTGACCAGGCAACGCTCCTC
 CTGTACACTCTGTTGCACCAGAACGCCAATGTCAGGACGTACATGCTGGCCCGGACAGACATGAAAAACC
 TTGTTTTACCAATTCTGGAGATTCTATATCATGTTGAGGAAAGAACTCGCACCATGTCTACATGGCCCT
 TATAATCCTGTTGATCCTTACGGAAGACGACGGCTTCAATCGGTCCATTATGAGGTGATATTAATAAAC
 ATTACTTGGTATTCAGAAAGAGTCTTAACCTGAAATTTCCCTGGGAGCCTCCTAATTCTGGTGGTAATAA
 GAACCATCCAGTACAATATGACCAGGACTAGAGACAAGTACCTGCACACCAATTGCCTGGCGCGGTAGC
 AAACATGTCAGCACAGTTTCGCTCCCTCCACCAGTATGCTGCCAGAGGATCATCAGTTTGTCTTTTCTTG
 CTGTCTAAAAACACAACAAGTTCTGGAGCAAGCCACGCAGCAGGACACTCGTTACTTTCTGTCGTT
 TGAGCGACCTGCAGTCTCCTGTGGCCAGGACCTCAGCGTCATTGAAGAAGTGATTCGGATGATGCTGGA
 GATCATCAACTCCTGCTGACTAATTCTCTCCACCACAACCCGAACTTGGTGTATGCCCTGCTTTACAAA
 CGGGACCTCTTTGAGCAATTCGGACTCACCCCTATTCCAAGACATAATGCAGAACATTGACCTGGTAA
 TTTCTTCTTTAGCTCAAGACTGCTACAATCTGGAGCTGAGCTGTGAGTGAACGGGTCTTGAAATCAT
 TAAACAAGGGGTTGTGGCACTACCCAAAGACAGACTAAAGAAATTTCCAGAACTGAAATCAAATACGTTG
 GAGGAAGAGCAGCCTGAGGAGTTCTTATCCCATACGTCTGGTCTCTGGTCTACAACCTCGGCAGTTGGCC
 TGTACTGGAACCCACAGGACATCCAACCTGTTGCCATGGACTCAGACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001106133

Insert Size: 2010 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_001106133.2](#), [NP_001099603.2](#)

RefSeq Size: 2516 bp

RefSeq ORF: 2010 bp

Locus ID: 291433

Cytogenetics: 18q12.2

Gene Summary: Necessary for correct organization of Golgi apparatus. Involved in bone development. [UniProtKB/Swiss-Prot Function]