

## Product datasheet for **MC205545**

### Dym (NM\_027727) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dym (NM_027727) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dym
Synonyms:	1810041M12Rik; 4933427L07Rik; C030019K18Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC038276  
 CCACGCGTCCGCTTCCCCCTTCTCACCCAACTCCTCCTGCGTCTCCGCACGGACAGCCGCTGGGGCTGG  
 AACGCGGTGGGAACCGGAGCCCCTGACCTACGGAACCATGGAGGCCTAAGCCGCCGTGCACACCCGGGCC  
 CCTGTGCGCCCGCTCCCGTTCCTTGTGCCTGCCGGCCGGCTGGAAGCGGAGTCCGCGCCGCTGA  
 CCCAGTTGTCTTGTGAAATGCCCGTGTGAGGACGAGCTGCCTACCACGTAGAAGATGGGATCGAACAG  
 CAGCAAGATCAGTGATCTTCCGAAAAACGAGTACTTAAAAAGCTGTACGCCCCGAGTCTATATCTGAA  
 AACGACCCCTTCTGGAATCAGCTCTTTTCATTTTCTTTCCCGCACCAACCAGCAGTTCTGAGTTGAAGC  
 TATTGGAAGAGGCAACCATTTTCAGTTTGAAGTCTTTGGTTGAAAACAACCCTCGAACAGGAAATCTTGC  
 TGCCTAACTAAGGTCTTCTATCTAGAACCAGGAGCTCAGGCTCTCAGCCGAGTGTGAGAACCACATC  
 TTCATCTGGCAGACACAATGCTCTGTTTATTATTTGCTGCTTGTGAAAGTGTTCATCCGTGAGCTGT  
 CTGAGGAAGAGCTGCAGCTTCATTTTACATATGAAGAAAAGTCCCCGGCAGCTACAGTTCTGACTCTGA  
 AGACCTTCTGGAAGAGTTGCTCTGCAGCTTGGTACAGTTAATCACTGATACTCCACTCTTGGATACAG  
 TATGAGATAGCAGTGGAGCCATCTCGCAATGGTTGTCTTCTTCCCTGCAACTCTTCCACAAGGAGG  
 TTCTGCGACAGAGCATCAGTCACAAGTACCTGATGCAAGGCCATGTCTTCCCTACACCAGTAAACTTGT  
 GAAAACCTTATTGTATAACTTTATCAGACAAGAAAAGCCACCTCCGCCCGAACCATGTCTTCCCTCAG  
 CAGTCGGATGGGGGAGGACTGCTGTATGGACTGGCATCAGGAGTAGCAACTGGTCTCTGGACTGTCTTCA  
 CGTAGGCGGGGAGGCAGCAAAGCAGCTGCGTCCCCAGAACTTACATCTCCTCTGGCAACCAGAGTCT  
 CCTGCTGCTGCTGGTGTGGTGAACCTGACGGATGCCCGAGACATACCCAACCCCTACAGGCAAGCTGTC  
 TCGTCATTTAAGAACACGCAAGACAGCAGTCCGTTCCCATCATCAATTCCTCATACTTCCAGATTAAC  
 TTAACAGTTTGTACACAGCCCTGTGTGAGCAGCAGACGCTGTATCAGGCAACGCTGCTCCTGTACACGCT  
 GCTCCACCAGAACAGCAATGTGAGGACGTACGTGCTGGCCCGACGGATATGGAACCTTGTGTTTACCA  
 ATTCTTGAGATTTGTATCATGTTGAGGAAAGAACTCACACCATGTCTATATGGCCCTTATAATCCTGT  
 TGATCCTTACAGAAGACGATGGCTTCAATCGGTCCATTCATGAAGTGATATTAAGAAACATTACTTGGTA  
 TTCAGAAAAGAGTCTTAAGTGAAGTTTCCCTGGGGAGCCTCCTAATTCTGGTGGTAATAAGAACCATCCAG  
 TACAATATGACCAGGACTCGAGACAAGTACCTGCACACAACTGCCTGGCGGCTTTAGCAAAACATGTCAG  
 CGCAGTCCGCTCCCTCCACCAGTACGCTGCCAGAGGATCATCAGTTTGTGTTTCTTTGCTGTCTAAAAA  
 ACACAACAAGGTCTGGAGCAAGCCACGCAGTCTTGGAGAGTCCCCTGAGCTCCAGCGATGTCCTCTC  
 CCAGATTATGCACAGGACCTCAGTGTATTGAAGAAGTATTCCGATGATGCTGGAGATCATCAACTCCT  
 GCCTGACAAATCTTCCACCACAACCCAACTGGTGTACGCTTGTCTTACAAACGGGACCTCTTTGA  
 GCAATTCGAACTCATCCCTCATTCCAGGACATAATGCAAAACATTGACCTGGTGTCTCCTTCTTAGC  
 TCAAGACTTCTACAAGCTGGAGCTGAGCTGCGGTGGAAGGGTCTTGGAAATCATTAACAAGGGGTTG  
 TGGCGCTGCCAAAGACAGACTAAAGAAGTTCCAGAACTGAAGTTCAAATACGTGGAGGAAGAGCAGCC  
 TGAGGAGTTCTTATCCCGTACGTCTGGTCCCTGGTCTACAACCTCAGCGGTGGGCTTGTACTGGAACCCG  
 CAGGACATCCAGCTGTTTGCATGGACTCGGACTGAAGCAGGACACAGCCACGCCACCCAGCCACGCC  
 CAGGAGCAGAGGCAGACAGACTGCGGCACCACAGAGGGTCAAACAAGCGTCTTCCCTCACACACTGTGA  
 CTATTGGGAGACTGCGCCAGTTAGCAGTAGTCACTCAGCCTTGATTGTACTGCAAGGGCGAGACAAAAA  
 TAAACGGGAAACGTGCTGTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_027727

**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:** [BC038276](#), [AAH38276](#)

**RefSeq Size:** 2504 bp

**RefSeq ORF:** 2010 bp

**Locus ID:** 69190

**UniProt ID:** [Q8CHY3](#)

**Cytogenetics:** 18 E2-E3

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