

Product datasheet for **RN205244**

Zim1 (NM_001107473) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zim1 (NM_001107473) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zim1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205244 representing NM_001107473
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAAGAGAAAGAGTGTCTCAGAGGTGAAGACTACAGCCCCAGTTAATGAAGCCTTACCTTCACCAAATC
 CTGATCAGACACCAAACCAGCTCTCTGAAAAGAAGCGAAGAATTCCAACCACATCTTTGCCAACCTGGTA
 CAAGGAACCAAGTATCTTCAAAGATGTAGCTGTGTACTTCAGCCAGAAAGAGTGCCAGCTACTGGAGCCT
 GCTCAGAAGGACCTGTACAAGGATGTGATGCTGGAGAAGTACGGGAACCTGATCTCTGTGGAATATTATA
 TTTTAAAGCCAAAGTTGATCACCAGATTGGAGCAAGGAATTGACCTTTTGGCAAAGAGAATGATACTCC
 TGGAGACCCCCAGCAAGGTGAGGCGGGAGTCAGCAGAAGTGACACCTCTGCAGGGAAGAAGACGGGAAT
 AATTCCACAAAGGCAGAAACCCGGAAGCCAGATAACTCTAAGAACGTGTACAGGAGAAGCTGAAGAAGG
 CAGATCAAGGGGTGGTCCCAGAATTTGAGAGCAGAAAAGACCTCAAAAAGTGTGACAGGCCATCTCA
 AAATAAGGAGAAGAGTGACTCAACTTCGACTACAGAAGCAGGCAAAACCAATCCTGGCAATCAGGAG
 AATGAATCTGCAGCCCCGGGACATCTTCGAGTCAAACACCATCAACTACAGCACACAGAGCACTCCTC
 CAGAAAAGTGCACATCAGGGAAGATGGTCAAGGAAAATCACCTAACACCAGCAGTTCCACAAACCCAAA
 GCGCAAGCCTGCCCGACAAGGTAAAAACCACTTTAAATGCAAGGAATGTGGGAAAACCTTCAACCAGACC
 CTCCACCTCGTGGAGCATGAGCGAATCCACACGGGAGAGAAAACCCACAAGTGCAGACAGTGCAGCAAT
 CTTTCCGGCACCTCTCCTACTTCTCACACACTACCGAATTACACCGGGCGTGAGACCATAACAAGTGTA
 GGAGTGTGGGAAAGCCTTCAACAGCAGCTCCACTCTCAACAATCATTGCAGGATCCACTCAGGCGAGAAA
 CCCTTCAAATGCGACGAGTGTGGGAAAACCTTCAAGCAGAGCAGGAAGCTCACCCGTACCAACGGATT
 ACACCGGGGAGAAACCTACAAGTGTGGAGAGTGAACAAGTGCTTTGGCCGAGCTCGTCCCTGAGGGA
 GCACAAGAGGATTATACCGGAGAGAGCCATACCGCTGTCAGGTGTGTGGGAAAACCTTCAAGGTCAAC
 TCACATCTTTCAGAGCATCAGCGCTCCATTTAAAGGTGAAGCCCTACAAGTGTGATAAGTGCAGGGAAGC
 ACTTCCGAAACAGCTCGTACTTGTGGAACACAAGCAGATCCATGTGCCCGGGGCCGAGTGGAGTGCCC
 AGAATGTGGGAAAGTCTTCGTTGCAAAGTAGCCCTTCTCAAGCACCAGAAAGAGACAGAGGCGAACTCC
 AGGTATCGGTGCAAGGGATGTGGAAGACTTTTAGGTGAAGTCAAGCATCAAAGGCATGAGAGGCTGC
 ACGCTGGGAGAAACCTTTGTGTGCACTAAGTGTGACAAAGTTTCACTGACAAAACACTACTGAATAA
 TCACTTGAATACTCACTCTGGAGATAGGCCGATCCATGTGCCAGTGCGGGAGAACCTTAAAAAACTG
 GCTACCCTGTTGATTCACCAGAAAAAGCATAATAAGAAGAAACCCACAGATGAAT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107473

Insert Size: 1737 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_001107473.1, NP_001100943.1

RefSeq Size: 3340 bp

RefSeq ORF: 1737 bp

Locus ID: 308322

Cytogenetics: 1q12