

Product datasheet for **RN211010**

Prim2 (NM_001024762) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prim2 (NM_001024762) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prim2
Synonyms:	Pola3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211010 representing NM_001024762
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCGATTCTCAGGAAGGACCCGGAAGAAGCTGAGATTGGCAGGTGACCAGAGAAACGCTTGTTACCTC
ACAGCCTTCAGTTCTATCTGCAGCCACCTACTGAAAACATATCATTGACAGAGTTTGAAAGCTTGGCTTT
TGATAGAGTAAAATTGCTTAAAGCAATTGAGAATCTTGGTGTGAGCTATGTGAAAGGAACCGAACAGTAC
CAGAGTAAACTGGAGGCTGAGATTGCAAAGCTCAAGTTTTCTGACAGGGAGAACCCTGGAGGATGAGTACG
AGCCTCGGAGGAGGGACCACATCTCCACTTCATCCTGCGCCTCGCTTACTGCCAGTCGGAAGATCTTAG
ACGGTGGTTTATTCAACAGGAGATGGATCTGCTTCGGTCCGATTCAGTATTTTACCAAGGATAAAGTC
CAGAGTTTCTGAAGGATACTCACTTGCATTTGAGGCTATCAGTGATGAGGAGAAGACCCTTCGGGAAC
AGGATATCATGGCGTCTCTCCAGCCTAAGTGGGTGAGTGGGAATCGGAGTCAGTGTATAAGGTCCC
CTTTGCTGACGCTCTGGACCTGTTGAGGAAAGAAAGTCTACTTGAAGACGGCTTTGCTTATGTGCCA
CTTAAGGACATTTGGCCATTATCCTGAACGAGTTTAGAGCCACGCTGTCTAAGGCCTTGGCACTAACAG
CCAGGTCCCTGCCTGCTGTGAGTCCGATGAACGACTTCAGCCTCTGCTCAGCCACCTCAGTCATTTCTTA
CACCGGCAAGATTATAGTACCCAGAAGAGCACCGGGAAGATTTCCCTTAGATCAGATTGATTTCGCTTTCA
ACAAAATCCTTCCACCTTGCATGCGTCAGCTGCACAAGGCGCTGAGGGAAAACCACCATCTTCGTCATG
GAGGCCGATGCAGTATGGCCTGTTCTCAAGGCGATTGGGCTAACGTTGGAGCAAGCATTGCAGTTCTG
GAAGCAAGAGTTTATCAAAGGAAAGATGGACCCAGACAAGTTTGATAAAGGTTACTCTTACAATATCCGA
CATAGCTTTGAAAGGAAGGCAAGAGGACAGACTATACGCCATTCAGTTGCATGAAGATTATCCTGACCA
ACCCACCAAGCCAGGGGATTTCCATGGGTGCCATTCCGTACAGTGATGCAGAGCTGCTGAAGCAGAA
GATGCAGACCTACAAGATCCCTGCCTCGGGATCAGCCAGGTGGACGATTGTGGCTTTTCTTTGAATCAT
CCGAATCAGTTCTTTTTGAGAGCCAGCAATCCTAACTGGTGGCAAAGATATCAAGAAGGAAGCAAGCC
ACCCAGAAACGCCTCAGCACAACCCAGCACCCAGAAGACCAAGGATGCCACGTCTGCTCTGGCCTCTCT
AGATTCTCCCTGGAATGGATCTGGAGGGCTAGAAGACTACTTTAGTAAATGA

ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001024762

Insert Size: 1455 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_001024762.1](#), [NP_001019933.1](#)
RefSeq Size: 2141 bp
RefSeq ORF: 1455 bp
Locus ID: 301323
Cytogenetics: 9q21
Gene Summary: may play a role in DNA replication; V288M mutation is detected in a hepatoma cell line [RGD, Feb 2006]