

## Product datasheet for MC209224

### Prim1 (NM\_008921) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prim1 (NM_008921) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prim1
Synonyms:	A1324982
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209224 representing NM_008921 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGCCATTTGATCCTGCGGAGCTGCCGGAGCTACTCAAGCTTTATTACCGAAGGCTCTTCCCTACG  
CCCAGTACTATCGCTGGCTCAACTATGGCGGAGTGACAAAGAATTACTTTCAACACCGTGAATTTTCATT  
CACACTGAAAGATGATATTTACATTCGCTACCAGTCCTTCAACAACCAGAGTGAAGTGGAGAAGGAGATG  
CAGAAAATGAATCCATATAAGATTGATATAGGCGCAGTATATTCTCACAGACCCAATCAACACAATACAG  
TGAAGCTGGGAGCTTTCCAGGCCAGGAGAAAGAACTGGTCTTTGACATCGACATGACAGACTACGATGA  
CGTAAGGAGATGCTGCAGTTCTGCAGACATATGTTCCAAATGCTGGACTCTCATGACAATGGCCATGCGC  
ATCATAGACCGGGCATTGAAGGAGGACTTTGGATTTAAGCACCGCCTCTGGGTCTATTAGGAAGGAGAG  
GTGTGCACTGTTGGGTCTGTGATGAATCCGTTGAAAGCTGTCTCTGCTGTGCGCTCCGGGATCGTGGA  
GTACTTGAGTCTTGTAAGGGTGGTCAAGATGTTAAAAAGAAAGTTCACCTAAATGAGAAAGTTCACCT  
TTTGTCAGAAAATCTATAAACATAATTAAGAAAGTACTTTGAGGAATATGCCTTAGTCGGCCAAGATATTC  
TTGAAAATAAAGAAAACCTGGGATAAGATTTTAGCCCTTGTCTGAGACAATTCATGATGAGCTGCAAAG  
AGGGTCCAGAAGTTCACAGTTCACCTCAGCGCTGGGAACACCTGAGGAAAGTGGCCAACCTCATCTCAG  
AATATGAAGAACGATAAGTGCAGCCCTGGCTGGAGTGGGAGGTGATGCTCCAGTACTGTTTCCACGCC  
TGGATGTCAACGTGAGCAAGGGAGTCAATCACTTACTGAAGAGCCCTTTTCAAGTGTTCATCCCAAGACAGG  
TCGGATTTCTGTGCCTATCGATTTTCATAAAGTGGATCAATTTGATCCGTTTACTGTCCCAACTATAAGT  
GCCATCTGCCGGAAATTGGATATGGTTTCCACTCATGAGAAGGAAAAGGAGGAGAATGAAGCTGACAGCA  
AACACAGAGTCAAGGTTACAAGAAGACCAGTCTAGCACCGTATGTGAAAGTATTTGAACAGTTTCTTGA  
AAACCTGGATAAATCCCGAAAGGGGAACCTTCTCAAGAAGAGCGATTTACAAAAGATTTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_008921
<b>Insert Size:</b>	1254 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_008921.2</a> , <a href="#">NP_032947.1</a>
<b>RefSeq Size:</b>	1533 bp
<b>RefSeq ORF:</b>	1254 bp
<b>Locus ID:</b>	19075
<b>UniProt ID:</b>	<a href="#">P20664</a>
<b>Cytogenetics:</b>	10 D3
<b>Gene Summary:</b>	DNA primase is the polymerase that synthesizes small RNA primers for the Okazaki fragments made during discontinuous DNA replication.[UniProtKB/Swiss-Prot Function]