

## Product datasheet for MC212347

### Prima1 (NM\_133364) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prima1 (NM_133364) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prima1
Synonyms:	B230212M13Rik; BB120497; PRiMA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212347 representing NM_133364 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTACTCCGGGACCTGGTGCTGCGCCATGGCTGCTGCTGGCCCTCACTTCTGCTGCACTGTGCGCTGC  
ACCCACTCTGGGGTTTAGTTTCAGGTGACACACGCTGAGCCCCAGAAGTCTTGCTCTAAGGTGACTGACAG  
CTGCCAACACATCTGCCAGTGCCGGCCCCACCCCTCTCCCTCCACCCACCTCCGCCACCTCCC  
AGACTACTCTCCGCCAGCTCCAACTCTACCTCCTGCCCTGCAGAGGACAGCTGGTGGTCTGGTCTGG  
TGATCATTGTGCTGCTGTGGTCTGTGCCTCCCTGGTGTCTGACTGTCCTGGTCATCATTTGCTACAAAGC  
CATAAAGAGGAAACCACTGAGAAAGGATGAGAATGGCACCAGTGTGCTGAGTACCCCATGAGCTCCTCA  
CAGAGCCACAAAGGGGTGGATGTGAACGCTGCAGTGGT**GTA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_133364
Insert Size:	462 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).



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<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>	<u><a href="#">NM_133364.2</a></u> , <u><a href="#">NP_579942.2</a></u>
<b>RefSeq Size:</b>	905 bp
<b>RefSeq ORF:</b>	462 bp
<b>Locus ID:</b>	170952
<b>UniProt ID:</b>	<u><a href="#">Q810F0</a></u>
<b>Cytogenetics:</b>	12 E
<b>Gene Summary:</b>	Required to anchor acetylcholinesterase (ACHE) to the basal lamina of the neuromuscular junction and to the membrane of neuronal synapses in brain. Also able to organize ACHE into tetramers.[UniProtKB/Swiss-Prot Function]