

Product datasheet for RN214352

Prima1 (NM_001108721) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prima1 (NM_001108721) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prima1
Synonyms:	PRiMA; Prima1l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214352 representing NM_001108721 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTCTCCGGGACCTGGTGCTGCGCCATGGCTGCTGCTGGCCCTCACTTCTGCTGCATTGTGCGCTGC
ACCCACTCTGGGGTTTAGTTCAGGTGACGCACGCTGAGCCCCAGAAGTCTTGCTCTAAGGTGACTGACAG
CTGCCAACACATCTGCCAGTGCCGGCCCCACCTCCTCTGCCCGCCACCCCCACCTCCGCCACCTCCC
AGACTACTCTCTGCCAGCTCCCAACTCTACCTCCTGCCCGCGGAGGACAGCTGGTGGTCTGGTCTGG
TAATCATCGTCGGGTGGTCTGTGCCTCTTGGTGTCTGACTGTCCTGGTCATCATTTGCTACAAAGC
CATAAAGAGGAAACCACTGAGAAAAGATGAAAATGGCGCCAGCGTAGCTGAGTACCCCATGAGCTCCTCG
CCGAGTAACAAAGGGGTGGATGTGAACGCTGCGGTGGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001108721
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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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:	<ol style="list-style-type: none">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:	<u>NM_001108721.2</u> , <u>NP_001102191.2</u>
RefSeq Size:	3445 bp
RefSeq ORF:	462 bp
Locus ID:	690195
UniProt ID:	<u>D3ZZP4</u>
Cytogenetics:	6q32
Gene Summary:	Required to anchor acetylcholinesterase (ACHE) to the basal lamina of the neuromuscular junction and to the membrane of neuronal synapses in brain. Organizes ACHE into tetramers (By similarity).[UniProtKB/Swiss-Prot Function]