

Product datasheet for MC217835

Rnpc3 (BC016603) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnpc3 (BC016603) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnpc3
Synonyms:	2810441O16Rik; AI447568; C030014B17Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC016603 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACAGATTAATGGAAGTAACTAGCAATCTTCAGCCAAAAGACCCAAAACAGAAAAGCCACGCCACGTGA
GAAAAAGCGAAAAATAAGGATATGTTGAATATACCTTCATCAGCTTCACATAGTTTGCATCCTGTGCT
GTTACCTCGGATGTATTTGACCAGCCACAATCTGTAGGTAATAAAAAATTGAGTTCAATATATCAACC
AACATGCCTGCAGCATTTAACAAAGATTTGGAGACACAACCAATAATGAAGAAGAAAATCTGATTCAC
CAGACTGGACTTGATTCAAATACAGGATTTGGCAAAATCTCCCTAACCTAATTTGAACATCACAGA
AGAGATTACAGAAGACTCTGATGAAATACCTTCACAATTTATTTCTAGAAAAGAGTTGGAAAAGGTCGT
ATTTCTAGAGAAGAAATGGAAACTTTTCAGTTTTTAGAAGTTATGAACCTGGTGAACCAAACTGCAGAA
TTTATGTAAGAAATTTAGCTAGACATGTTTCAGGAAAAGGACCTTAAATTTATTTGGAAGATACGTTGA
CTTTTCTTCAGAAACACAGCGGATCATGTTTGATATTCGCTTAATGAAAGAAGGACGCATGAAAAGGCAA
GCTTTTGTGGACTTCCAATGAAAAGCAGCCGCTAAAGCGTTGAAAGAAGCTAATGGCTATGTTCTTT
TTGAAAACCCATGGTGGTTCAGTTTGCATCTGCTAGACCAAAACAGGATTTCAAAGAAGGAAAACG
GAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	BC016603
Insert Size:	777 bp



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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:	<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:	BC016603 , AAH16603
RefSeq Size:	1393 bp
RefSeq ORF:	776 bp
Locus ID:	67225
Cytogenetics:	3 F3
Gene Summary:	Participates in pre-mRNA U12-dependent splicing, performed by the minor spliceosome which removes U12-type introns. U12-type introns comprises less than 1% of all non-coding sequences. Binds to the 3'-stem-loop of m(7)G-capped U12 snRNA (By similarity). [UniProtKB/Swiss-Prot Function]