

Product datasheet for MC225203

Prrc2a (NM_020027) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prrc2a (NM_020027) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prrc2a
Synonyms:	3110039B05Rik; Bat-2; Bat2; D17H6S51E; G2; mKIAA4178; Wbp12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225203 representing NM_020027 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCGATCGCTCGGGCCGACTGCCAAGGGGAAGGATGGAAGAAGTATTCCTCGCTCAACCTGTTTG
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 GGCAATGACCCCAATGTCTCACTAGTCCGAAAGACGGAACAGGATGGGCAAGCAACAGGAGCAGTCCG
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 TGCTCCAACAGCCGAAACGACCCCAACAGCCCGGAGAACACTCCTTCGGTTCCAAGCGGGTAAAG
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CTTGATGAAAAGTTTGGGGCACCTGACAAGCGGCTCAAGGCAGAGCCTGCAGCCCCACCTGTTACCCCTG
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 AGCCTTGGGAACGGGCAGGGCCACCTTCTCGAGAAGGGCTCCCCGAAGAGCAGAGGAGCCTGGGTCCCG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_020027

Insert Size: 6477 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_020027.3, NP_064411.2

RefSeq Size: 6913 bp

RefSeq ORF: 6477 bp

Locus ID: 53761

UniProt ID: [Q7TSC1](#)

Cytogenetics: 17 18.59 cM

Gene Summary: May play a role in the regulation of pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).