

Product datasheet for **MC229709**

Prrc2a (NM_001199044) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prrc2a (NM_001199044) 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:	>MC229709 representing NM_001199044 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGATCGCTCGGGCCGACTGCCAAGGGGAAGGATGGAAAGAAGTATTCCTCGCTCAACCTGTTTG
ATACGTATAAGGGCAAGTCTTAGAGATCCAGAAACCCGCTGTTGCCCTCGACATGGCCTGCAGAGTCT
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TGCTCCAACAGCCGAAACGACCCCAACAGCCCGGAGAACTCCTTCGGTTCCAAGCGGGTAAAG
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CTTGATGAAAAGTTTGGGGCACCTGACAAGCGGCTCAAGGCAGAGCCTGCAGCCCCACCTGTTACCCCTG
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 TTCCGAACTCAGCGCATTGACCTCTACCAGCAGGCTTCCCACCAGATGCCCTGCGCTGGATGCCGAAGC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001199044
- Insert Size:** 6474 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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.
- RefSeq:** [NM_001199044.1](#), [NP_001185973.1](#)
- RefSeq Size:** 6910 bp
- RefSeq ORF:** 6474 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 (2) uses an alternate splice acceptor site in the 3' coding region, compared to variant 1, which results in a protein (isoform 2) that is one amino acid shorter than isoform 1.