

Product datasheet for **MC202792**

Rbm22 (NM_025776) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm22 (NM_025776) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rbm22
Synonyms:	8430430L24Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC080205 sequence for NM_025776
 CTCGAGTCGGAAGCCGGAGCTGTCCCGGGACTCCCGATATGGCGACTTCTCTGGGTTCCAACACCTACAA
 CAGGCAGAACTGGGAGGACGCGGACTTCCCATTTCTGTGTGACACGTGTCTTGGAGAAAACCCCTTATATA
 CGAATGACCAAAGAAAAATATGGAAAAGAAATGCAAAATCTGTGCCAGGCCATTACAGTGTTCGCTGGT
 GCCCTGGGGTCCGCATGCGCTTCAAGAAGACTGAAGTGTGCCAAACCTGCAGTAAATTGAAGAATGTTTG
 TCAGACCTGCCTGTTAGACCTTGAATATGGCCTACCCATCCAGGTTTCGTGATGCAGGATTATCATTAAA
 GATGACATGCCTAAGTCAGATGTCAATAAAGAATTACACCCAAAATATGGAAAAGAGAAATTTCTAACT
 CTGATGGAACACGACCAGTTGGGATGCTAGGAAAAGCAACATCCACCAGTGACATGCTCCTCAAGTTGGC
 CCGGACCACACCCTACTACAAAAGGAATCGGCCCCACATTTGTTCTTTTGGGTGAAAGGAGAGTGAAG
 AGAGGAGAGGAGTGCCCATACAGACATGAGAAGCCTACCGACCCAGACGACCCTCTTGCTGATCAGAATA
 TCAAAGACCGGTACTATGGAATCAACGACCCCGTGGCTGACAAGCTTCTAAAGCGGGCCTCGACCATGCC
 CCGCTGGACCCACCGGAGGATAAGACCATTACCACCCTGTACGTGCGCGGTCTGGGAGACACCATCACC
 GAAACAGATCTCAGAAATCATTCTACCAGTTTGGAGAGATCCGCACCATCACTGTTGTGCAGAGGCAGC
 AGTGTGCCTTCATCCAGTTCGCCACCAGGCAGGCTGCCGAGGTAGCCGCTGAGAAGTCTTTAAACAAGT
 GATCGTGAATGGCCGGAGGCTCAATGTCAAGTGGGGAAGATCCCAAGCAGCCAGAGGCAAAGAAAAGAG
 AAGGATGGAACACAGACTCTGGGATCAAGCTAGAACCTGTGCCAGGACTGCCTGGAGCTCTGCCTCCAC
 CTCTGCAGCAGAAGAGGAGGCGTCTGCCAACTACTTCAACCTGCCCCCAAGTGGTCTCCAGCAGTGGT
 GAACATTGCCCTGCCCCACCCCTGGGATCGCCACCACCCACCCCCAGGTTTTGGACCACACATGTTT
 CACCCCATGGGACCACCCCTCCTTTATGAGGGCTCCAGGACCAATCCACTACCCTTCTCAGGACCCTC
 AGAGAATGGGTGCTCATGCAGGAAAACACAGCAGCCCTAGCACAACATTGCCACTCAGGGGCTCTGAGG
 AAGAAAGGGCGCTCTAAAGTCCCAGTAAATGAATCCTGGGATAAGTACCATTTCCCTTGCTTTGTAGTTT
 CCATGGTAGCTGAATGTGTTGATGTGGGCAGAGACACAGCTATGCTTCCCCATGCTTTCAGAGGA
 TCGGCGGGCCTAAAACAAGCTGTCATGAACATAGCTGCTTACCCTATAGCAGTACTAAGAGCCCTTATGT
 CTGATCCCTTCCCACTCTGTGGGAAACACGCACATGGGTGAACTGGAGTGACCAATGGAGTCCCCATCAG
 TGTGTTCATTTTGTATCTTTTTGGGCGGAGGCAAAAGTTGACCTGCGGTTTTAAAAAAGTATTTTGACC
 ATTTTTATGTCTATTTGGTATTTTCTTTTATATCATCTAAAAAATTTAGTACTAATCATTGTAGTGGC
 ATAAAAGTGATTTAACTAATTTGAAGTCATACCCTCAGAGAGGGTACCTAAGATGATATGCTTTTAAAGGA
 ACTTCTGTGAAATACTTTGACAACTGAAAAGAAGAGCCTTAGAGTCCATTTGACTGGGAGACTGTCTG
 CCTGCCTGCAGCTGGGACTGGAGCATCCACATCACCTGTGTCTGCAGTGGCTCACTCGCTGCCTCTGGC
 AGGAGACTGTTTCACTTAGAAAAGTTGGATTTAACTGAATTGTAGATGGTAAGGAAATTTGATGTTGT
 ATTGATTTTTTTGTTTTAATTAACGGGTCAATTTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_025776

Insert Size: 1263 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.

RefSeq: [BC080205](#), [AAH80205](#)

RefSeq Size: 2119 bp

RefSeq ORF: 1263 bp

Locus ID: 66810

UniProt ID: [Q8BHS3](#)

Cytogenetics: 18 D3

Gene Summary: Required for pre-mRNA splicing as component of the activated spliceosome. Involved in the first step of pre-mRNA splicing. Binds directly to the internal stem-loop (ISL) domain of the U6 snRNA and to the pre-mRNA intron near the 5' splice site during the activation and catalytic phases of the spliceosome cycle. Involved in both translocations of the nuclear SLU7 to the cytoplasm and the cytosolic calcium-binding protein PDCD6 to the nucleus upon cellular stress responses.[UniProtKB/Swiss-Prot Function]