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Product datasheet for MC220191

Rrn3 (NM_001039521) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rrn3 (NM_001039521) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rrn3
Synonyms:	AL023001; E130302O19Rik; R75565; TIF-1A; Tif1a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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Fully Sequenced ORF:

>MC220191 representing NM_001039521
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGCCCCGCTGCTTCACACGCGCTTGTCGGGCGATGTGACGGCAGCGGCCTCTGCCACGCTGAGTG
CGTCGCGGACTGGGCTTTCCGATATGCTCGCGTTAGAGAGCGATTTCTTCAATTCTCCTCCGAAAAAAAC
TGTTCGGTTTGGCGGAACTGTGACAGAAGTCTTACTGAAATACAAAAAGGGTGAAACAAATGACTTAGAG
TTGTTGAAGAACCAGCTGTCTGATCCTGATATAAAGGATGACCAGATCATTAACTGGCTACTAGAATTTC
GTTCCTCTGTCATGTACTTGACAAAAGACTTTGAGCAACTTATAAACATCATATTGAGATTGCCCTGGTT
GAATAGAAGTCAGAGAGTGGTGGAGGAGTATTTGGCTTTTCTTGGTAATCTTGTGTCTGCACAGACTGTC
TTCCTTAGACCATGTCTCAGCATGATTGCGTCTCATTTTGTACCTCCCCGAGTAATTGTCAAGGAAGGTG
GCATAGATGTTTCAGATTCTGATGACGAAGATGACAATCTTCCTGCAATTTTTGACACATGTCACAGAGC
CTTGCAAATAATAACAAGATATGTCCCATCGACACCATGGTTTCTAATGCCAATACTGGTGGAGAAATTC
CCGTTTGTGAGGAAGTCCGAGAGAACATTGGAATGTTATGTTCATAACTTATTAAGGATAAGTTTATATT
TCCCAACTTTGAGGCGTGAAATTCTGGAGCTTGTTATTGAAAAGCTACTCAAGTTAGATGTGAGTGTATC
GCGGCAGGATATTGAAGATGCTGAAGAGAAAGCAGCTCAGACTTGTGGTGGGACAGATACCACAGAAGGA
CTGTTTAATATGGATGAAGATGAGGACACTGACCCTGAGAAGAAAGCTGACCAGGAGCAGCCTAACCAGA
TGGCTCATCCCACCGCAGAGCGCCTGGACGTCCTGCTGTGCTTGCTGCTGTCCTACATTGAGGATGTCTG
CCGTGTGCACGGTAAAATTGATAACAATAAAACAAAGGATTTATACCGTGATCTGATATCCATCTTTGAC
AAACTTCTGTTGCCCACACATGCCTCCTGCCATGTACAGTTCTTCATGTTTTTCCTCTGCAGCTTCAAGT
TGGGATTTGCAGAAGCATTTTTGGAACATCTCTGGAAAAAGTTGCAGGATCCAAATAACCCCGCCATCAT
CAGGCAGGCTGCTGCAAATTATATTGGGAGCTTTTTGGCCAGAGCTAAATTTATTCCTCTTATCACTGTG
AAGACATGCCTGGATCTCTTGGTTAACTGGCTGCACATGTACCTTACTAACCAGGATTCGGGAACAAAGG
CTTTTTGTGACGTTGCACTCCATGGACCATTTTATTCAGCCTGCCAAGCTGTGTTCTACACTGTTGTTTT
TAGACACAAGCAGCTTTTGAGTGGAAACTTGAAGCAAGGTCTACAGTATCTTCAGAGTCTAAATTTTGAG
CGCATTGTGTTGAGCCAGCTGAACCCACTGAAGATCTGCCTGCCGCAAGTGGTTAATTTCTTTGCTGCTA
TCACAAATAAATACCAGCTGGTGTTCTGCTACACCATCATGGAGAGGAACAGTCGCCAGATGCTCCCCGT
TATCCGCAGCACCGCTGGTGGAGACTCCGTGCAGACCTGCACCAACCCACTGGACACTTTCTTCCCCTTT
GACCCTTGTGTGCTTAAGAGGTCAAAGAAGTTCATTGATCCTATTTATCAGATTTGGGAAGATGGGAGTG
CTGAAGAGCTTCAGGAGTTTAAGAAATCTACTAAAAAGGAGGTAGTGGAGGATGAAGATGATGACTTTTT
GAAAGGCGAGGTGCCCCAGAGTGACACAGTGACTGGCCTTACTCCGAGCTCCTTTGATACCCACTTCCAA
AGTCCTTCCAGTAGTGTGGGCTCCCCTCCTGTGCTGTATATACCAGGCCAGTCTCCACTCCTCACAAGGA
TCTATGATTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001039521

Insert Size: 1971 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:	NM_001039521.1, NP_001034610.1
RefSeq Size:	3607 bp
RefSeq ORF:	1971 bp
Locus ID:	106298
UniProt ID:	B2RS91
Cytogenetics:	16 A1
Gene Summary:	Required for efficient transcription initiation by RNA polymerase I. Required for the formation of the competent preinitiation complex (PIC). Dissociates from pol I as a consequence of transcription. In vitro, cannot activate transcription in a subsequent transcription reaction. [UniProtKB/Swiss-Prot Function]