

Product datasheet for **RN217214**

Rsbn1 (NM_001191710) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rsbn1 (NM_001191710) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rsbn1
Synonyms:	RGD1307231
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217214 representing NM_001191710
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTCAGGTCTACGAGAACGACCGATCAGTGGAGGGCGGGGAGAGACTCCAATGCCAGCGGGCCATG
 CGCGGGCGCGCTTGCGCGAACCGCGGACGGGGGGCGGTGCGGCCATTTAAATGTGTGTTGTGGGTGA
 AATGGCTGCGCAGGTGCGAGCGGTTGCGGTAGTACGGGCGGTGGCGGCGCAGGAGAGCCGGACAAAGAG
 GGAAGGAGAAACCCCATGTTGGGGTTTCGCGCGGGGAGTGAAGCGGCAGCGCCGGGTGAGCAGCGGGG
 GTTCTCAGGAGAAGCGGGGGCGGCGGAGCCAGGACCCCTCTCGCTCCCCCTCATCGCGGCGTCGTAG
 CCGCAACATCCCGGGCGCTGCCTCAACGAATGCCGCCCAACCGTCCCGGGCCCTGTTGAACCTCTG
 CTCCTGCCGCGCGCCGCTCCGTGCTGGCACCAGCGGGGCGCGTGTGCTGCCCGCTCCCGGCC
 CAGGCACCTCGGCCCTTTCACCTTCTCGCCCCGACGGTGAGCGCGGGCGGCCAAGCATAAGGGCCA
 CAAGGAGAGGCACAAGCACCATCACCACGCGGCTCCGATGGTGACCCCGTGCCTCGCTCCGGGCGAT
 CTCAAGCACAAGGACAAGCAGGAAAACGGCGAGAGGAGCGGAGGGGTGCCCTCTGATGAAGCCCCCAAGA
 GAGAAACAGCAGATGAAATGGTAAACCCAGAGAGCTGATGATTTTGTCTTGAAGAAAAATAAGAGAA
 AAAGAAAAAGAAACACCGAGAAGACATGAGAGGAAGACGCCTTAAATGTACAATAAGGAAGTACAAAC
 GTCTGTGCTGGCTGACCCGCATCAGCAAGAAATTTCAACCAAGGACAGCTAAATAGCACTTCAGGAG
 TTAATAAGGAGTCTTCAGGTATTTGAAGGATGAACAGCTGTGCAGATTAATTTGGGCATGCAAGAATA
 TCGGGTGCCCCAGGGAGTACAGACACCTTTACAACGCACCAAGAACATTCTATTCGAGAAATTTCTTA
 AAAACAGTACTAAATTTAGCACTTTATTCATGAAGAACCAGTCCAATGGTGGTGTCTTGTCTCTTC
 ATGCATACATGGACGAACTCTATTTTGTCTCCAATGGAGATGGAGAGATTTCTGAGGAGTTTCTTGC
 TTTGACATTTCAGTGAAAATGAGAAAAATGCTGCATACTATGCTTTAGCAATAGTCATGGAGCGGCTGCT
 TATCTCCAGACTTCTGGACTACTTTGCTTTTAAATTTCCCAACTCCAGTGAATGGAATTTTGG
 GCAAGAAAGATATTGAAACAACCACCTTTCAAATTTTCACTCAGGTCAACAGGACATATTGCTGTGG
 TACCTACCGAGCAGGTCTATGCGACAGATAAGTCTTGTGGAGCAGTAGATGAAGAAAGTTGGTATTAT
 TTCCCAGAGTTCAGATATGTTAGAAGAATCACCATTCTGAAATGACTTTGCCCTGGGGTACACTTT
 CCAGCCTCCAACATAATGTAGGTCTCAGAGTGATGATGGGCTATAATGTGGGTGAGGCCAGGAGAGCA
 GATGATCCCTACAGCAGATATGCCAAAGTACCCTTCAAAGACGACGATCAATGAATGAAATAAAAAT
 CTCCAGTACCTACCTCGGACAAGTGAACCCCGAGAAGTCTCTTTGAAGATAGGACAAGAGCTCATGCTG
 ATCATGTAGGTACGGGGTTTGACTGGCAGAGTACGGCTGCTGTTGGGGTTTGAAGGCTGTACAATTTGG
 TGAATGGAGCGATCAGCCTCGCATAACCAAGATGTGATTTGTTTTCATGCTGAGGATTTTACTGATGTT
 GTACAGAGACTTCAGTTGGACCTTCACGAACCTCCAGTTTCCAGTGTTTCAGTGGGTGGATGAAGCAA
 AACTAAACCAATGAGGCGAGAAGGCATTGCTATGCTAGAATTCAGCTTTGTGACAATGATATCTACTT
 CATCCCTAGAAATGTCATTTCATCAGTTCAAAACAGTGTGACGAGTGTGACGCTTAGCCTGGCATATAAGG
 CTTAAACAATACCACCTGTTGTGGAAACCGCTCAAAACACAGAGAGCAATCCAACATGGACTGTGGTT
 TAGAAGTTGACTCCAGTGTGTGAGAATAAAACTGAATCTGAGGAGAGATGCACAGAGATGCAGCTTTT
 GACAACCTGCTTCATCGTCTTTCCCACTCCATCAGAACTTCATCTACAGGATCTGAAGACCCAGCCTATT
 CCAGTGTTCAAGGTGGAGAGCAGACTGGACTCTGACCAACAACACAGTCTGCAGGCACATCCAAGCACTC
 CTGTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001191710
Insert Size: 2388 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:	<u>NM_001191710.1, NP_001178639.1</u>
RefSeq Size:	6739 bp
RefSeq ORF:	2388 bp
Locus ID:	310749
Cytogenetics:	2q34