

Product datasheet for **RN212031**

Rbsn (NM_001107875) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbsn (NM_001107875) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rbsn
Synonyms:	Zfyve20
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212031 representing NM_001107875
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATCTTTGGATGACGCAGGGGAAGTGAAGGAAAGGCTTCCTGTGCCCTCTGTGCCTCAAGACCTTC
 AGTCTTTCTATCAACTTCAGTCACATTATGAGGAAGAACAACACTCAGGAGATCGTGATGTCAAAGGGCAAAT
 TAAAAATCTTGTTTCAAGAGGCTAGGAAAGCAAAGAACAAGTTGTTGAAACGAGAAGGAGATGATCGTGTG
 GAGCCAGGGACCAAGGATACGAATCATTAGCTATGGAGGGTTGATCCTTACATGTGGGAACCTCAAG
 AGCTTGGTGTATGAGAAGCCATCTTTCTGATTTTAAAAAACATCGTGTGCAAGGATTGACCACTATGT
 TATTGAAGTCAATAAATAATAATCAGGTTGGAAAAGCTTACCGCATTTGACAGAACAATACTGAGACC
 TCAAAGATTAGAGCAATAGAAAAGTCTGTGGTGCCTTGGGTCAATGACCAGGATGTTCCATTCTGTCCAG
 ACTGTGGGAATAAGTTCAGCATCCGGAACCGCCGTACCCTGCCGCTCTGTGGGTCTATCATGTGCAA
 GAAGTGTATGGAGCTCATTGGCCTGCCCTTGGCAAATAAGCTCACCAGTGCCAGCAAGGACTCCCTGAGC
 ACCCACACCAGCCCAGCCAGTCACCTAACAGTGTCCATGGCTCCCGCCGAGGCAGCATCAGTAGCATGA
 GCAGTGTGAGTCTGACCTGGACGAGAAGGATGATGAGCGCATCCGCTGCTGCACGCACTGCAAGGACAC
 GCTGCTCAAGAGAGAGCAGCAGATGGATGAGAAGGAGCACACGCCTGACATCGTGAAGCTCTACGAGAAA
 CTTGACTTTGTCATGGAGAAAGTTGATCAGAAAGCTCCTGAATACATCAGGATGGCAGCATCATTAAATG
 CTGGGGAGACGACCTACAGTCTGGAGCACGCCAACGACCTTCGAGTGGAAAGTGCAGAAAGTGTACGAGCT
 AATAGATGCTTTAAGTAAGAAGATCTTAACCTTGGGCTTGAACCAAGACCTTACCACATCCAAACACT
 CTTCCGCTACAGAGAATGATCAGATACTCAGCTACACTATTTGTGAGGAAAAGTTATTGGGTTTGTATGT
 CACTGCCAACCAAGAACAGTTTGAAGAACTAAAAAAGAAAAGGAAAGCAGGACCTGGAGCAGAAGAGGAC
 CATGGAGCGACAGGCTGCTCTGGAGTCCCGACGGAAGCTTGAGGAAAGGCAGAGTGGTTTGGCATCTCAT
 ACAGCCAATGGGGACATGAGGTCTCTTCAAGGCATACCTGCCCCCTTGGCAAAGGCTGAGGGCTGGCTCC
 CACTGTGAGAAGGTGAGTACAGAGTGAAGACCCCGACCTCTCCTTACGAGATCTATAACATTACATC
 GTTCATCAGGCAGGCCAAGGCTGCAGGCCGCACAGATGAGGTGCGCACACTTCAAGAGAACCTGCGGCAG
 CTGCAAGATGAGTATGACCAGCAGCAGACTGAGAAGGCCATCGAACTGTCCCGGAGGCAGGCTGAGGAGG
 AGGAGCTACAGCGGGAGCAGTTACAGATGCTCCGCCAGCGGGAGCTGGAACGAGAAGAAGAGCAGTTCTT
 GGCAGCATCTCTGCAAACACGGACTCGTGTCTAGAACTCCGAGAAGTTTACCCTTCCAGTTGGAGCCC
 ATCCGAGGGCCTCACACTGATCTTGCTATTCTTAGATGAGGACTCCTCCCCAGTTCAGAGCAGCACAG
 CTCTGATATCCTTTACCTGGCTCAGCTTAGCACCCATCCATGTGTGGTCTGGGTCCCCAGCCCTTAG
 CCAAGAATTACTCTTACAGACCCATATCACAGCCAAGTAGTAAGACCTCTCTCAACCCGTTTGTATGAA
 GAAGACCTCTCCAGCCCTATAGAGGGTGTCTGACGCCCTGCTGTGTAGAGGCTTTCCTGGGCCCTCCAG
 CTGCTGTACCAAAGAATACAATCCTTTTGAAGAGATGCTGAGGAAGAGGAGGTGGCAGAGTTGGGGGC
 AGGGAATCCCTTCACTGACCCAGACAGTCCAGCACCCAACCCCTTTGATGAGGATGACCATCCAGGTCT
 GCCAGTCCAGCCGCCCTGGAAACCCCTTTGAAGAGTGTCCATGCACCAACCCCTTTGAGGTAGACAGTG
 ATAGTGGCATGGAGGCTGAGGAACACATTGAGGAGGAGCTGCTCCTGCAGCAAATGACAACATCAAGGC
 TTACATCTTCGATGCCAAGCAGTGTGGTCAATGGATGAGGTTGAGGTTCTGACGGAGAACCTCCGGGAG
 CTGAAGTGCACCCCTGGCTAAGCAGAAGGGGCCCTAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107875
Insert Size: 2352 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:	<ol style="list-style-type: none">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_001107875.1</u> , <u>NP_001101345.1</u>
RefSeq Size:	5042 bp
RefSeq ORF:	2352 bp
Locus ID:	312562
Cytogenetics:	4q34