

Product datasheet for **RN212527**

Rsad2 (NM_138881) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rsad2 (NM_138881) Rat Untagged Clone
Tag: Tag Free
Symbol: Rsad2
Synonyms: Best5; Vig1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212527 representing NM_138881
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**

ATGCTAGTGCCTACTGCGCTGGCTGCTCGGCTGCTGAGCCTGTTCCAGCAACAGCTGGGTTCCCTCTGGA
GTGGCCTGGCCATGCTGTTCTGCTGGCTGAGAATAGCATTGGGGTGGCCAGATCTGGAAAGGGACAGCC
ACGGGTCCGGGTGAGCCCAAGGAGACTCAGGAGACCCACGAAGATCCAGGCAGTCTCAGCCCACAACC
CCCGTTAGTGTCAACTACCACTTACCGGTCAGTGCAACTACAAATGTGGCTTCTGCTTCCACACGGCCA
AGACATCCTTCGTGCTGCCCCCTGGAGGAGGCCAAGCGAGGACTGCTTCTGCTCAAACAGGCTGGTATGGA
GAAGATCAACTTTTCAGGAGGAGAACCCTTCTACAGGACAGGGGTGAATACTTGGGCAAGCTCGTGAGA
TTCTGCAAGGAGGAGCTAGCCCTGCCCTCTGTGAGCATAGTGAGCAATGGCAGCCTTATCCGAGAGAGAT
GGTTC AAGGACTATGGAGACTATTTGGACATCTTGCTATCTCCTGTGACAGCTTTGATGAGCAGGTTAA
TGTTCTCATTGGTCGTGGCCAAGGAAAAAGAACCATGTGAAAAACCTTCAAAGCTGCGGAAGTGGTGC
AGGGATTACAAGTGGCTTTCAAGATCAATCCGTCATTAATCGCTTCAACGTGGACGAAGATATGAATG
AGCAGATCAAGGCGCTGAGCCCTGTCCGCTGGAAGGTTTTCCAATGCCTCCTGATTGAGGGTGAGAATC
AGGAGAAGATGCCCTGAGGGAAGCAGAAAGATTTCTTATAAGCAATGAAGAATTTGAAGCATTCTTACAG
CGTCACAAAGATGTGTCCTGCTTGGTGCCTGAATCTAACCAGAAGATGAAAGACTCCTACCTTATCCTGG
ATGAATATATGCGCTTTTGAAGTGTACCGGTGGCCGGAAGGACCCCTCCAGGTCATCTGGATGTTGG
CGTGGAGGAAGCGATCAAATTCAGTGGGTTTGATGAGAAGATGTTTCTGAAGCGCGGGGGGAAGTATGTA
TGGAGTAAGGCTGACCTGAAGCTAGACTGGTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_138881



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Insert Size:	1083 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_138881.1, NP_620236.1</u>
RefSeq Size:	3628 bp
RefSeq ORF:	1083 bp
Locus ID:	65190
UniProt ID:	<u>O70600</u>
Cytogenetics:	6q16
Gene Summary:	protein involved in bone formation [RGD, Feb 2006]