

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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212527 representing NM_138881 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTAGTGCCTACTGCGCTGGCTGCTCGGCTGCTGAGCCTGTTCCAGCAACAGCTGGGTTCCCTCTGGA
GTGGCCTGGCCATGCTGTTCTGCTGGCTGAGAATAGCATTGGGGTGGCCAGATCTGGAAAGGGACAGCC
ACGGGTCGGGGTGGCCCAAGGAGACTCAGGAGACCCACGAAGATCCAGGCAGTCTCAGCCCACAACC
CCGTTAGTGTCAACTACCACTCACGCGTCAGTGCAACTACAAATGTGGCTTCTGCTTCCACACGGCCA
AGACATCTTCGTGCTGCCCTGGAGGAGGCCAAGCGAGGACTGCTTCTGCTCAAACAGGCTGGTATGGA
GAAGATCAACTTTTCAGGAGGAGAACCCTTCTACAGGACAGGGTGAATACTTGGGCAAGCTCGTGAGA
TTCTGCAAGGAGGAGCTAGCCCTGCCCTCTGTGAGCATAGTGAGCAATGGCAGCCTTATCCGAGAGAGAT
GGTTCAAGGACTATGGAGACTATTTGGACATTCTTGTATCTCCTGTGACAGCTTTGATGAGCAGGTTAA
TGTTCTCATTGGTCGTGGCCAAGGGAAAAAGAACCATGTGAAAAACCTTCAAAGCTGCGGAAGTGGTGC
AGGATTACAAGGTGGCTTTCAAGATCAATCCGTCATTAATCGCTTCAACGTGGACGAAGATATGAATG
AGCACATCAAGGCGCTGAGCCCTGTCCGCTGGAAGGTTTTCCAATGCCTCCTGATTGAGGGTGAAGACTC
AGGAGAAGATGCCCTGAGGGAAGCAGAAAGATTTCTTATAAGCAATGAAGAATTTGAAGCATTCTTACAG
CGTCACAAAGATGTGCTGCTTGGTGCCTGAATCTAACGAGAAGTGAAGACTCCTACCTTATCTCTGG
ATGAATATATGCGCTTTTGAAGTGTACCGGTGGCCGGAAGACCCTTCCAGGTCATCCTGGATGTTGG
CGTGGAGGAAGCGATCAAATTCAGTGGGTTTGTGAGAAGATGTTTCTGAAGCGCGGGGGAAGTATGTA
TGGAGTAAGGCTGACCTGAAGCTAGACTGGTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII



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ACCN:	NM_138881
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:	NM_138881.1 , NP_620236.1
RefSeq Size:	3628 bp
RefSeq ORF:	1083 bp
Locus ID:	65190
UniProt ID:	O70600
Cytogenetics:	6q16
Gene Summary:	protein involved in bone formation [RGD, Feb 2006]