

Product datasheet for **RN216685**

Rsad1 (NM_001271211) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rsad1 (NM_001271211) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rsad1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216685 representing NM_001271211 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTTCCTCCGGGTCCGGACCGGTAGATGGGTAGCAGCGGCCAGGGCGGCCAGAGGCGCCCCGCG
TGGATAGCCTGGGACAGCCTCCGAGTCTGAGTCCGCGAGAACGCGCGCGGCGCTTTACGTGCACTGGCC
TTATTGCGAGAAACGCTGCAGCTACTGCAACTTCAATAAGTACATCCCCGCGGCGTGGACGAGGGGGCT
GTGCGGAATTGCCTGGTACTGAGGCAAGGACGCTGCTGCGGCTCAGCGGGGTGCAGAGGGTGGAGTCTG
TGTTCTTTGGTGGGGGAACCCGAGTCTGGCCAGTCCCCACACTGTAGCTGTATCTGGAGGCCGTGGC
ACAGGAAGTCTACCTGCCTGCAGATTCCGAAGTCACGTTGGAGGCCAACCCTTTCAGCCCCAGGTCCC
AGGCTGGCAGCTTTTGGAGCAGCAGGAGTGAACAGGTTGTCCATTGGTTTACAGTCCCTGGATGACGCGG
AACTGCAGCTGCTGGGCCGGAAGTCACTCAGCCCCGAGAAGCTTTGCAGACCCTGACGGAGGCCAGGCACCT
TTTCCCTGGCAGAGTGTGCGTGGATTTGATGCTGGGGTTACCGGCACAAAAGGTGAAGCCATGGCTTCAA
CAGCTTCAGAACTGCTGCGCCACTGTGACGACCACCTCTCTCTACCAGCTGACCCTGGAACGGGGCA
CCTCACTCTTTGCCAGGTGCAGCAGGGTACCCTCCCGGCCCGACCCGGAAGTGGCTGCTGAGATGTA
CCAGGAGGGCAGGACAGTCTTCGTGATGCTGGCTTTCCGAGTATGAGGTCTCCAAGTGGACGGAAT
GGAGCGCTCAGTAATCACAAGTGGACGTAAGTGGCAGTGGGTGAGTACCTTGGCATTGGGCTGGAGCCC
ATGGACAATTTGTGCCTCAGGGAGCTGGAGGCCATACCCGGAAGCAGGATCCAGACACTGGAGCCTGA
CAACTGGATGAAAGAGGTGATGCTCTTTGGTCATGGCACCCGGAAGTGCCTCCCCCTGAGCGAGCTGGAG
CTGCTGGAGGAGGTTTGGCTATGGGGCTGCGCACTGATGTGGGGTCACTCACCAGCATTGGCGGCAGT
TTGAGCCCCAGCTGACCTGTGGGACGTGTTGGAGCAAGCAGGGAGGTGAAGGAGCTGCTGAACAGGG
TTTGTGCTGCTGGACCACAGGGGTCTCCGGTGTCTGGGAGGGTCTAGCTGTGTTGGACTCCTTGTTA
TTGACCTCCTGCCTCAACTCCAAGAGGCTGGCAGCACAGGACTCCCTCACCTGAGTCAGGAGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001271211
Insert Size:	1329 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_001271211.1, NP_001258140.1</u>
RefSeq Size:	1679 bp
RefSeq ORF:	1329 bp
Locus ID:	688146
Cytogenetics:	10q26