

Product datasheet for **RN200652**

Rprd1b (NM_001098727) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rprd1b (NM_001098727) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rprd1b
Synonyms:	Crept; RGD1304782
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200652 representing NM_001098727 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTCCTTCTCAGAGTCGGCGTTGGAAAAGAAGCTCTCAGAGCTGAGCAACTCTCAGCAGAGTGTGC
AGACCCTATCCCTGTGGCTCATCCACCACCGCAAGCACGCAGGACCCATCGTCTCCGTGTGGCACCGCCGA
GCTCCGCAAAGCCAAATCAAATAGAAAGCTTACTTTTCTCTACTTAGCAAATGATGTCATCCAAAACAGT
AAAAGGAAAGGACCTGAGTTCACGAGAGAATTTGAATCTGTCCTTGTGGATGCTTTTTCTCATGTTGCCA
GAGAGGCAGATGAAGGCTGTAAAAACCTTTAGAAAGATTGCTGAACATCTGGCAAGAACGAAGTGTGTA
TGGCGGGCAGTTCATACAGCAGCTGAAGCTGTCTATGGAGGACTCCAAGAGCCCTCCCCCAAAGCAGCG
GAAGAGAAGAAGTCTCTAAAACGAACCTTTTCAGCAGATACAGGAGGAGGAAGATGATGACTACCCTGGAA
GCTACTCTCCCCAAGATCCTTCTGCAGGGCCCCTCTTACTGAGGAGTTAATCAAAGCTTTGCAGGATCT
GGAAAAATGCAGCATCAGGGGATGCTACTGTTTCGACAGAAGATTGCTTCCCTGCCCCAGGAAGTGCAGGAT
GTGTCCCTGCTGGAAAAAATTACAGACAAAGAGGCAGCTGAACGTCTTTCAAACAGTAGATGAAGCAT
GTCTGTTACTAGCGGAATATAACGGGCGCCTGGCAGCGGAACCTGGAAGACCGGCCAGCTGGCTCGGAT
GCTGGTGGAGTACACCCAGAACCAAAAAGAGGTTTTGTGCAAAAAGGAGAAAAAGCTAGAAGAATATAAA
CAGAAGCTTGTCTGAGTAACCCAGGTCCGCAAGGAACTCAAGTCCCACATTCAGAGCTTGCCGGACCTCT
CACTGCTGCCTAATGTACAGGGGGCCTGGCACCTCTGCCCTCTGCTGGTGACCTTTTTCAACTGACTA
A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001098727
Insert Size:	981 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_001098727.1</u> , <u>NP_001092197.1</u>
RefSeq Size:	3573 bp
RefSeq ORF:	981 bp
Locus ID:	311591
Cytogenetics:	3q42