

Product datasheet for RN209446

Prdm2 (NM_001077648) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prdm2 (NM_001077648) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prdm2
Synonyms:	Riz
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209446 representing NM_001077648 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCATCAGAACACTGAGTCTGTGGCAGCCACTGAGACTCTGGCTGAGGTACCTGAACATGTGCTTCGAG
GACTTCCAGAGGAAGTAAGACTTTTCCCATCTGCAGTCGACAAGACTCGGATTGGTGTCTGGGCTACTAA
ACCAATTTTAAAAGGGAAAAAGTTGGCCATTTGTTGGTGATAAGAAGAAGAGATCCCAGGTTAGGAAT
AATGTGTACATGTGGGAGGTCTACTACCCAAATTTGGGGTGGATGTGCATTGATGCCACCGATCCGAGA
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CAACAGAGCCATTTACTATAAAACCTTAAAGCCAATCGCCCTGGCGAGGAGCTCCTGGTCTGGTACAAT
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GAGGATGAGAGGCCTTTGGCTTCGGCACCTGAGCAGCCAGCCCTCTGCCGAGGTGGGAAACCAAGATG
CAGTCCACAGGTGGCCATCCCTCTCCCTGCCTGCGAGCCACAGCCAGAGGTAGATGGGAAACAAGAAGT
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GAGGAGGAGTTGGGAGAAGATGGGGTGAAGAAGCAGACATGCCGAATGAAAGCTCTCGAAAGAGCCGG
AGATCCGGTGTGAAGAAAAGCCAGAAGACTTATTAGAAGAGCCACAGAGCATGTGCAATGAAGCTCGTGA
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TGCACATCCACATTTCTACCATCAATCATGCTTTCAAGTGCAAGTACTGTGGAAACGGTTTGGCACACA
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ATGAGACGACATCAGCGTAGAGTTCATGAGCGCCACCTGATTCCTCCAAAGGTGTCAGGCGAAAAGGAGGAC
 TTCTGGAAGAGCCACAGCCACCAGCAGAGCAGGCTCCACCCTCCCAGAATGTCTATGTCCCAAGCACAGA
 GCCAGAGGAGGAAGGGGAAACAGATGACGTGTACATCATGGACATTTCTAGCAACATCTCTGAAAACCTA
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 CCTCTAGTAGGTTAAGAGAGCCACCAGCTCTCCACCGAGCTCTCCACAGCACAGCCCTGCCCTTCGAGA
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 TTCTTATGCAATCTGCAGCAGCACCAGCGTATCTCCACCAGATGAGGTATGCACACACCAGAGTTT
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 ATCAAAAATATGGCTTCTGGAATAAAGACGAAGGATCCAGATGTTGACTTGGTCTCAACCAGCACTACC
 CGAGCTTTAAACCTCCTCCATTTAGTACCACCATCGAAACCTATGGGATAGGGGTGACAGCCACCAA
 CTTACACCCACAATATTCACAGACTTTCACTACTGCCATCCGCTGCACAAAGTGTGGGAAGGGCGTC
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 AGAACAGAGCCGGAAGCAGAAGGCGGACCTGAGGGATACTTCCGAGGCGTCTCACACATCTGCCCGTA
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 CTTTCTCCTTCCAAAAGAAAAGTTTCCATTCTGCTAAGAAAGGTGGCCATGCATCATCTTCTAGCAGTG
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 ACCCTTGGGCAAGACCAGAGCTCGGAGTACAGGCCCGCCAGGCTCACTGCCCTCCTCGTCTTCCAGA
 TCCAGACAGAATGCAAAATTTGAGCTTCAAGTAAATCCAAAAAGCAAGCTTCTCATCCTTGGGAATT
 CCAGTCCCATAAGAATGGCCAAAATTACTCACGTGAGGGCAAAAAACCAAGCTGTTGCCAAGAGTCA
 TTCTGCTCAGCTCTCAAGCAAATCCTCCGAGGCTGCATGTGAGAGTGCAGAAGAGCAAAGCTGTGATA
 CAGAGCAAGACTGCCCTGGCCAGTAAGAGGAGAACAGACCCGTTTCAAGTAAATCTAGAGAGCGCAGCG
 GGGGCCAATCACCCGAAGCCTTCCAGTGGCAGCTGCTGCGGACCTGAGTGAAAGCAGGAGAGAGGACAG
 CAGTGGCAGGCATGAGCTGAAGGACTTCAAGTACAGTCTCCGCTGGCATCTCGATGCGGCTCATCAACA
 GCCTTTACATCACCAGACAATGCAGAAAGGTCAAGGCCGCCGACGCAACTCCGTTCCAGGGACCTTCC

TCAAAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001077648
Insert Size:	5121 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_001077648.1, NP_001071116.1</u>
RefSeq Size:	6152 bp
RefSeq ORF:	5121 bp
Locus ID:	313678
UniProt ID:	<u>Q63755</u>
Cytogenetics:	5q36
Gene Summary:	predicted protein may bind the retinoblastoma tumor supressor protein [RGD, Feb 2006]