

Product datasheet for **SC336938**

PRDM5 (NM_001300823) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRDM5 (NM_001300823) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRDM5
Synonyms:	BCS2; PFM2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC336938 representing NM_001300823.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCTGGGCATGTACGTGCCGGACAGTTCTCCCTGAAGTCCTCCCGGGTTCAGGACGGCATGGGGCTC
TACACGGCCCGCAGAGTGCAGAAAGGGTGAAGTTTCGGACCCCTTTCGTGGAGAGAAGAGAATGCCTGAA
GACTTGGATGAAAATATGGATTACAGTTGATGTGGGAGGTTTCGTGGGAGTAAGGGAGAAGTTTTGTAC
ATTTTGGATGCTACCAACCCACGGCACTCCAACCTGGCTTCGCTTCATGAGGCACCATCTCAGGAG
CAGAAGAAGTTGGCTGCCATTCAAGAAGGAGAAAAATTTTCTATTTGGCAGTTGAAGATATAGAAACA
GACACGGAGCTTCTGATTGGCTACCTGGATAGTGACATGGAGGCTGAGGAGGAAGAACAGCAAAATTATG
ACAGTCATCAAAGAAGGGGAAGTTGAAAATCTAGAAGACAATCAACAGCGGGCAGAAAAGATCGCCTT
GGCTGTAAAGAGGACTATGCTTGTCTCAATGTGAATCGAGTTTTACCAGTGAGGATATTCTTGCTGAG
CATCTCCAGACATTGCACCAGAAACCCACAGAGGAGAAAGAAATTAAGTGCAAGAACTGTGGGAAGAAA
TTCCAGTTAAGCAGGCTTTGCAAAGACATTTTGAGCAGCACCAGGAGACTTGCCGGGGGGATGCCAGG
TTTGTGTGCAAGGCTGACAGCTGTGAAAGAGGCTGAAGAGCAAGGATGCCCTGAAAAGACACCAGGAA
AATGTCCACACTGGAGATCCTAAGAAAAAGCTTATATGTTCAAGTGTGCAATAAAAAGTGTTCTTCAGCA
TCAAGCCTACAGGAACATAGAAAGATTTCATGAGATATTTGATTGTCAAGAATGTATGAAGAAATTTATT
TCAGCTAATCAGCTAAAACGTCATATGATCACCCACTCAGAAAAACGACCTATAATTGCGAGATTTGT
AATAAGTCTTTCAAGAGGCTTGATCAAGTGGGTGCTCACAAAGTAATACACAGCGAAGACAAACCTTAC
AAATGCAAACTTTGTGGAAGGGATTTGCCACAGAAATGTTTACAAGAATCATAAGAAGACCCACTCT
GAGGAGAGACCGTTCCAATGTGAAGAATGTAAAGCTTTGTTCCGGACCCCATTTTCTTTACAGAGACAC
CTGCTAATAACATAACAGTGAGAGGACTTTCAAGTGCCATCACTGCGATGCTACCTTTAAGAGGAAGGAT
ACATTAATGTTTCATGTCCAGGTGGTTCATGAAAGACACAAGAAGTATAGGTGTGAGCTATGTAATAAG
GCCTTTGTTACACCTTCAGTGCTTAGAAGTCATAAGAAAAACACATACAGGAGAAAAGGAGAAAAATCTGT
CCATATTGTGGCCAGAAATTTGCCAGCAGTGGTACACTCAGAGTTCATATCCGGAGCCACACAGGTGAG
CGTCCCTATCAATGTCCTTACTGTGAAAAAGGATTCAAGTAAAAATGATGGACTGAAGATGCACATTCGT
ACTCACACCAGGGAGAAGCCGTACAAGTGTCTCAGAGTGCAGCAAGGCCTTCAGCCAGAAGCGAGGCTG
GATGAGCACAAGAGGACGCACACTGGAGAAAAGCCTTTTCAGTGTGATGTTTGTGATTTGGCTTTTAGC
CTGAAGAAAAATGCTGATTCGACACAAGATGACTCATAATCCCAATCGTCCCTGGCAGAATGCCAGTTT
TGCCATAAGAAGTTTACAAGGAATGACTACCTCAAAGTGCACATGGACAATATCCATGGTGTAGTGAC
AGCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: Sgfl-MluI

ACCN: NM_001300823

Insert Size: 1800 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:	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_001300823.1</u>
RefSeq Size:	5256 bp
RefSeq ORF:	1800 bp
Locus ID:	11107
UniProt ID:	<u>Q9NQX1</u>
Cytogenetics:	4q27
Protein Families:	Transcription Factors
MW:	69.9 kDa
Gene Summary:	The protein encoded by this gene is a transcription factor of the PR-domain protein family. It contains a PR-domain and multiple zinc finger motifs. Transcription factors of the PR-domain family are known to be involved in cell differentiation and tumorigenesis. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (2) lacks an in-frame exon in the central coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.