

Product datasheet for **SC336482**

PRDM5 (NM_001300824) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRDM5 (NM_001300824) 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)



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Fully Sequenced ORF: >SC336482 representing NM_001300824.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCTGGGCATGTACGTGCCGGACAGGTTCTCCCTGAAGTCCTCCCGGGTTCAGGACGGCATGGGGCTC
TACACGGCCCGCAGAGTCCGAAAGGGTGAAGTTCCGACCCTTTCGAGAGAGAAGAGAATGCCTGAA
GACTTGGATGAAAATATGGATTACAGGTTGATGTGGGAGGTTTCGTGGGAGTAAGGGAGAAGTTTTGTAC
ATTTTGGATGCTACCAACCCACGGCACTCCAACCTGGCTTCGCTTCATGAGGCACCATCTCAGGAG
CAGAAGAAGTTGGCTGCCATTCAAGAAGGAGAAAAATTTTCTATTTGGCAGTTGAAGATATAGAAACA
GACACGGAGCTTCTGATTGGCTACCTGGATAGTGACATGGAGGCTGAGGAGGAAGAAGCAGCAAAATTATG
ACAGTCATCAAAGAAGGGGAAGTTGAAATTTCTAGAAGACAATCAACAGCGGGCAGAAAAGATCGCCTT
GGCTGTAAAGAGGACTATGCTTGTCTCAATGTGAATCGAGTTTTACCAGTGAGGATATTCTTGCTGAG
CATCTCCAGACATTGCACCAGAAACCCACAGAGGAGAAAGATTTAAGTGCAAGAAGCTGTGGGAAGAAA
TTCCAGTTAAGCAGGCTTGTCAAAGACATTTTGAGCAGCACCAGGAGACTTGCCGGGGGATGCCAGG
TTTGTGTGCAAGGCTGACAGCTGTGAAAGAGGCTGAAGAGCAAGGATGCCCTGAAAAGACACCAGGAA
AATGTCCACACTGGAGATCCTAAGAAAAAGCTTATATGTTCAAGTGTGCAATAAAAAGTGTTCTTCAGCA
TCAAGCCTACAGGAACATAGAAAGATTCATGAGATATTTGATTGTCAAGAATGTATGAAGAAATTTATT
TCAGCTAATCAGCTAAACGTCATATGATCACCCACTCAGAAAAACGACCTATAATTGCGAGATTTGT
AATAAGTCTTTCAAGAGGCTTGATCAAGTGGGTGCTCACAAGTAATACACAGCGAAGACAAACCTTAC
AAATGCAAACTTTGTGGAAGGGATTGCCCCACAGAAATGTTTACAAGAATCATAAGAAGACCCACTCT
GAGGAGAGACCGTTCCAATGTGAAGAATGTAAAGCTTTGTTCCGGACCCATTTTCTTTACAGAGACAC
CTGCTAATACATAACAGTGAGAGGACTTTCAAGTGCCATCACTGCGATGCTACCTTTAAGAGGAAGGAT
ACATTAATGTTTATGTCCAGGTGTTTATGAAAGACACAAGAAGTATAGGTGTGAGCTATGTAATAAG
GCCTTTGTTACACCTTCAGTGCTTGAAGTCATAAGAAAAACACATACAGGAGAAAAGGAGAAAAATCTGT
CCATATTGTGGCCAGAAATTTGCCAGCAGTGGTACACTCAGAGTTCATATCCGGAGCCACACAGGAGAA
GCCGTACAAGTGCTCAGAGTGCAGCAAGGCCTTCAGCCAGAAGCGAGGCCTGGATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-MluI

ACCN: NM_001300824

Insert Size: 1506 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: NM_001300824.1

RefSeq Size: 5170 bp

RefSeq ORF: 1506 bp

Locus ID: 11107

UniProt ID: Q9NQX1

Cytogenetics: 4q27

Protein Families: Transcription Factors

MW: 58.1 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 (3) lacks two exons in the central coding region, one of which results in a frameshift, compared to variant 1. The encoded isoform (3) is shorter and has a distinct C-terminus, compared to isoform 1.