

Product datasheet for **SC304725**

PRDM11 (NM_020229) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRDM11 (NM_020229) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRDM11
Synonyms:	PFM8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC304725 representing NM_020229.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTTGAAGATGGCAGAGCCAATTGCATCCCTGATGATCGTGGAGTGCCGGCCCTGCCTGAGATGCTCA
CCTCTCTTCCTTTACCAGAGAGAGAAAGACAGAATGACCGAGAACATGAAGGAGTGCTTGCCAGACC
AATGCAGCCGTGGGGGATATGGTGACGGTGGTGAAGACGGAGGTCTGCTCACCCTCCGAGACCAGGAG
TATGGCCAGCCCTGCTCTAGGAGACCGACTCCTCGGCCATGGAAGTTGAGCCCAAGAACTGAAGGGG
AAGCGCGACTCATCGTGCCCAAAGCTTCAGCAAGTGGACTTCTGGTTCTGTGAGTCCTGCCAGGAG
TACTTCGTGGATGAATGCCCAAACCATGGCCCCCGGTGTTTGTGTCTGACACACCGGTGCCCGTGGGC
ATCCAGACCGGGCGGCTCACCATCCCACAGGGCATGGAGTGGTCAAGGACACTAGTGGAGAGAGT
GACGTGCGATGTGTAACGAGGTCATCCCCAAGGGCCACATCTTCGGCCCTATGAGGGGCAGATCTCC
ACCCAGGACAAAACAGCTGGCTTCTTCTCTGGCTGATTGTGGACAAGAACAACCGCTATAAGTCCATA
GATGGCTCAGACGAGACCAAGCCAACCTGGATGAGGTACGTGGTTCATCTCCGGGAGGAGAGGGAGCAG
AACCTGCTGGCGTTCCAGCACAGTGAGCGCATCTACTTCGGGGCTGCAGGGACATCCGGCTGGGGAG
TGCTGCGGGTCTGGTACAGCGAGGACTACATGAAGCGCCTGCACAGCATGTCCCAGGAAACCATTAC
CGCAACCTGGCCAGAGGAGAGAAGAGTTGAGAGGGAGAAGTCTGAGCAGGTTCTGGATAACCCAGAA
GACCTGAGGGGTCCCATTCATCTCTGTGCTGAGACAGGGCAAAAGTCCCTACAAGCGTGGCTTTGAT
GAGGGGGATGTACACCCCAAGCTAAGAAGAAGAAAATTGACCTGATTTTCAAGGATGTTCTGGAGGCC
TCACTGGAATCTGCGAAGGTGGAAGCCCACAGTTGGCCCTGAGCACCTCACTGGTCATCAGGAAAGTC
CCCAAATACCAGGATGACGCCTACAGTCAGTGTGCAACAACAATGACCCATGGTGTGAGAATATAGGC
CAGACCCAGGGGAGGGGACTGGAAGGTCCCCAGGGGTCTCCAAGGAGCCAGGCCAATTGGAGGAT
GAAGAAGAGGAGCCTTCATCATTCAAGGCCAGAGTCCTGCCAGGCCTCCCTTGATCTGACCCTCAT
GAACTTCCACACCTCTTTTTGCCCTAACTGTATTTCGCCTAAAGAAGAAGTTCCGGAGCTCCAGGCA
GAATTAGACATGCTTAAGTCTGGAAACTTCTGAGCCCCCGTATTGCCACCACAGGACTGGAGCTC
CCAGAGTTCTCGGACCCTGCAGGTAAGTTGGTTGGATGAGATTATTGTCGGAGGGCAGAGTACGCGAT
GGGCTGTGTGGAGGGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_020229

Insert Size: 1536 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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_020229.2](#)

RefSeq Size: 2229 bp

RefSeq ORF: 1536 bp

Locus ID: 56981

Cytogenetics: 11p11.2

Protein Families: Druggable Genome

MW: 57.9 kDa

Gene Summary: May be involved in transcription regulation.[UniProtKB/Swiss-Prot Function]