

## Product datasheet for **MC200856**

### Spdef (NM\_013891) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Spdef (NM_013891) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spdef
Synonyms:	PDEF; Pse
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC012648 sequence for NM\_013891  
 CCACGCGTCCGCCACGCGTCCGCCACGCGTCCGCATTCTGCAGTCCCTCTGCCTTCCGTCCATCTGT  
 CCGCTCTGCCTCCACACCTAGCACCCAGCCCGCTGCTGCCCGGTGAGAACCCCCAGCTTGGGCCTTG  
 TCATGGTGCCAGCAGGTGGCCCTGAGCTTCTGACAGGGGCTGCCTATAGACCTGCAGGCCTGAGGCCTC  
 AGACTCACACTCAAGGGGCAAGAGGCCCTGGTGGCCACCTAAGAGCCACCTCTGTCCCAAGCCCTGCTG  
 GCCCACTGATGTCTGACTGAGACCCAGCAGTACCCTGAGCTGCCTGCCACTGCCTCCTCTGGTCCC  
 TGAGTTGGCTCTGCCGAGGACGACTCTTCTGACAGCAGGCGGTAACGGAAGCAGCCCCAAGCCTCCAC  
 CGCAGCATGGGCAGTGCCAGCCAGGCCCTGAGCAACGTGTCCCGGTTGCCTGCTACTGTTCCAGATG  
 TGGCACCAAGCAAGGGACGGAGAGGCAGCATCAGGAGCAATGGGCCCTGAGAAGCAGGAATGGAGTCC  
 TAGTCCACCCGCCACCCCTGAGCAGGGCCTGTCTGCTTTCTACCTCTTACTTTAACATGTATCCCGAC  
 GATAGCAGCTGGGTGCCAAAGTCCCGAGGCCGTGCCGGGAGGACCACCCGGAGGAGCCCGAGCAGT  
 GTCCCGTCATTGACAGCCAGGCCCTGGGAGCACGTTGGATGAGCACTCGCTAGAGCAGGTGCAATCGAT  
 GGTGTGGGCGAGGTCTGAAAGATATTGAGACGGCCTGCAAGCTTCTGAACATCACAGCAGACCCTGGG  
 GACTGGAGCCCTGGTAACGTGCAGAAGTGGCTTTATGGACAGAACACCAGTACCGGCTGCCTCCAGCAG  
 GCAAGGCCTTCCAGGAGTGGGCGTAAGGAGCTGTGCGCCATGTCGAGGAACAGTTCCGTCAGCGTGC  
 ACCTTGGGTGGGATGTACTGCATGCCACCTGGACATCTGGAAGTCAGCGGCCTGGATGAAGGAGAGG  
 ACCTCGCCTGGGACCCCTCACTACTGCGCTCCACCAGCGAGGAGGGCTGGACGGATGGTGGAGTGGACT  
 CGTCGTGCTCCGGGCAGCCATTACCTGTGGCAGTTCCTGAAAGAACTGCTGCTCAAGCCCCACAGCTA  
 TGGCCGCTTATCCGCTGGCTCAACAAGGAGAAAGGCATCTTCAAATTTGAGGACTCAGCACAGGTGGCC  
 CGACTGTGGGGTGTGCGCAAGAACCAGCCAGCCATGAACTATGATAAACTAAGCCGCTCCATCCGCCAGT  
 ATTACAAGAGGGCATCATTCGTAACCCGACATCTCTCAGCGCCTTGTCTACCAATTTGTGCATCCAGT  
 CTGAGAGCCACAGAGACCAGAGCCCTACAACCTGCCAGGAGCCACTCTCTGGTTGGCCTGGTCTCT  
 TGCTCACTCTGAATTCAGGGGCTGCTGGTATCCAGAACCCAAAGTCCCAGATAGACAGCCACTGCT  
 AGGGATACACATGAGCTCTCTGGGTCATACACAGGCCCCAGGAAGATCGAGGGAGCTAGGATTGTTACA  
 AACGGAGCCGGGCTTGGACTGTGGAATCCTGGGGAAACCACCTACAGCACACAGGGACTGGACCAAGTC  
 AGCTCACCGACAGTGATGCTACTGGTCTCTGCTCCTGCCACAATCCTGTACCATATCTGGCATGGTGT  
 AAGAGATGTCTGTACCCTGCGTTGGGAAGCCAGGGGTGCCCTGGGATGGATAATAAAGACGTAAGATAA  
 CTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_013891

**Insert Size:** 978 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:** [BC012648](#), [AAH12648](#)

RefSeq Size: 1856 bp

RefSeq ORF: 978 bp

Locus ID: 30051

UniProt ID: [Q9WTP3](#)

Cytogenetics: 17 A3.3

**Gene Summary:** May function as an androgen-independent transactivator of the prostate-specific antigen (PSA) promoter. Binds to 5'-GGAT-3' DNA sequences. May play a role in the regulation of the prostate gland and/or prostate cancer development. Acts as a transcriptional activator for SERPINB5 promoter (By similarity).[UniProtKB/Swiss-Prot Function]