

Product datasheet for **MC200585**

Spi1 (NM_011355) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spi1 (NM_011355) Mouse Untagged Clone
Tag: Tag Free
Symbol: Spi1
Synonyms: Dis-1; Dis1; PU.1; Sfpi-1; Sfpi1; Spi-1; Tcfpu1; Tfpu.1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003815 sequence for NM_011355
 CTGGTCTGAGGGGATCCGCCCTTGATCCCCACCGAAGCAGGGGATCTGACCAACCTGGAGCTCAGCTGG
 ATGTTACAGGCGTGCAAAATGGAAGGTTTTCCCTCACCGCCCTCCATCGGATGACTTGGTTACTTACG
 ATTCAGAGCTATACCAAGTCCAATGCATGACTACTACTCCTTCGTGGGAGCGATGGAGAAAGCCATAG
 CGATCACTACTGGGATTTCTCCGCACACCATGTCCACAACAACGAGTTTGAGAACTTCCCTGAGAACCAC
 TTCACAGAGCTGCAGAGTGTGCAGCCCCGCAGCTACAGCAGCTCTATCGCCACATGGAGCTGGAACAGA
 TGCACGTCCTCGATACTCCCATGGTGCCACCCACACCGGCCTCAGTCACCAGGTTTCTACATGCCCCG
 GATGTGCTTCCCTTATCAAACCTGTCCCCAGCCCACCAGCAGAGCTCAGATGAGGAGGAGGGTGAGAGG
 CAGAGCCCTCCCCTGGAGGTGTCTGATGGAGAAGCTGATGGCTTGGAGCCTGGGCCAGGTCTTCTGCACG
 GGGAGACAGGCAGCAAGAAAAAGATTGCTGTACCAGTTCTGCTGGACCTGCTGCGCAGCGGCGACAT
 GAAGGACAGCATCTGGTGGGTGGACAAGGACAAAGGTACCTTCCAGTTCTCGTCCAAGCACAAGGAGGCG
 CTGGCGCACCGCTGGGGCATCCAGAAGGGCAACCGCAAGAAGATGACCTACCAGAAGATGGCGCGCGCGC
 TGGCCTACCGCAAGCAGGGCAGGTGAAGAAAGTCAAGAAGAAGCTCACCTACCAGTTCCAGCGCGCA
 GGTGCTGGGCCGTGGGGCCTGGCCGAGCGGCGCCTCCCGCCCCACTGATCGCCCGCAGAGACCGCCAGG
 CTCCTGGACCCCGCCGGCCATAGCATTAAACCCGTGCCCCGGCCCGGACACAGGGAGGACATTCCCAGGGC
 CGAGGCAGGACTGGGGGCCCGCCTCGCCCTCCCATGCCCGGCCCTGGCCCGCCCCACCCGCTTTGCCTCC
 CACCAGGACTTAGCCCGCTCAAGGGCCGCTGGGCCTCGGACCTCAACCGAGGGTCAGCCTGGCTTAG
 TGGCCACGGTGTCTTCTGGGAGTCTGGCGCTGGCACCTTTTTGTATATTGAATGCTTTTTAAAAAGCTC
 TTCCTCCCCACCCCTCATTAGTCACTAAGACAAGTAAATTTGACAGCTATTCTCCAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_011355
Insert Size: 819 bp



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OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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: [BC003815](#), [AAH03815](#)

RefSeq Size: 1286 bp

RefSeq ORF: 819 bp

Locus ID: 20375

UniProt ID: [P17433](#)

Cytogenetics: 2 50.44 cM

Gene Summary: Binds to the PU-box, a purine-rich DNA sequence (5'-GAGGAA-3') that can act as a lymphoid-specific enhancer. This protein is a transcriptional activator that may be specifically involved in the differentiation or activation of macrophages or B-cells. Also binds RNA and may modulate pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]