

Product datasheet for MC209446

Spic (NM_011461) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spic (NM_011461) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spic
Synonyms:	AU019198; C76795; Prf; Spi-C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209446 representing NM_011461 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTTGTGTATTGATCAAGACAGTTTGGGGCAAACATTTCAAGACGCCATTGACATATTGATCCAAC
AATCAGCTGGAGAAAGTCAATACTCCTCAGAAAATAGAAATTACATGGCTATCATTAAACCCTTATCCTCA
CGTCAGAGGCAACGCTAACTACTATGGAATGTCACCCACAGAGAACCCCTCTATGACTGGAGAGGTGTA
ACAAATGGTTCTGCAGACCTGTATTTGGAAGGAGGCTTCCACCAATCCGTACAGAACATAGCTGAAAGCC
AGCTGGTACAACCCCTTCTTCCAGCAAAAGGGAGGAAGAGGCAGGAGAAAGCTTCGGCTGTTTGAATA
CCTTTTCGAATCCCTGTGCAATTCAGAGATGGTGTCTTGTATTACGTGGGTTGACAAAGCCAGAGGCATC
TTTCAGTTTATATCAAAAAACAAGAAACACTCGCTGAACTCTGGGGGCAGAGAAAAGGCAACCGGAAAC
CCATGACTTACCAGAAGATGGCCAGAGCCCTGAGGAATTATGCCAGAACTGGGGAGATCATAAAAATCCG
GAGAAAGCTGACCTACCAGTTCAGCGAGGCTGTTCTCAAAGACTTGCTCCAGCTAACTACCTGGGAAAA
GACCTCTTCTACCCTCAGTATGGCCAACCTGATCAGGGCTACCTCAGTTTAAACCACTGGAATGCAATC
ACTATGCTCACGGCAGTTACCAGAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja2026_e11.zip
Restriction Sites:	SgfI-MluI
ACCN:	NM_011461
Insert Size:	729 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC064038](#), [AAH64038](#)

RefSeq Size: 1266 bp

RefSeq ORF: 729 bp

Locus ID: 20728

UniProt ID: [Q6P3D7](#)

Cytogenetics: 10 C1

Gene Summary: Controls the development of red pulp macrophages required for red blood cells recycling and iron homeostasis. Transcription factor that binds to the PU-box, a purine-rich DNA sequence (5'-GAGGA[AT]-3') that can act as a lymphoid-specific enhancer. Regulates VCAM1 gene expression.[UniProtKB/Swiss-Prot Function]