

Product datasheet for **SC332060**

SPIB (NM_001244000) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SPIB (NM_001244000) Human Untagged Clone
Tag: Tag Free
Symbol: SPIB
Synonyms: SPI-B
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332060 representing NM_001244000.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCGTCTTCTATGACCTGGACAGCTGCAAGCATTCCAGCTACCCTGATTCAGAGGGGGCTCCTGACT
CCCTGTGGGACTGGACTGTGGCCCCACCTGTCCCAGCCACCCCTATGAAGCCTTCGACCCGGCAGCAG
CCGCTTTTAGCCACCCCAAGGCTGCCAGCTCTGCTACGAACCCCCACCTACAGCCCTGCAGGGAACC
TCGAACTGGCCCCAGCCTGGAGGCCCGGGGCTGGCCTCCCCCATACCCACGGAGAAGCTTCGCTA
GCCAGCCCTGTGCTATCAGAGGAGGAAGACTTACCGTTGGACAGCCCTGCCCTGGAGGTCTCGGACAGC
GAGTCGGATGAGGCCCTCGTGGCTGGCCCCGAGGGGAAGGGATCCGAGGCAGGGACTCGCAAGAAGCTG
CGCCTGTACCAGTTCCTGCTGGGGCTACTGACGCGGGGACATGCGTGAGTGCTGTGGTGGGTGGAG
CCAGGCGCCGGCGTCTTCCAGTTCTCTCCAAGCACAAGGAAGTCTGGCGCGCCGCTGGGGCCAGCAG
AAGGGGAACCGCAAGCGCATGACCTACCAGAAGCTGGCGCGCCCTCCGAAACTACGCCAAGACCGGC
GAGATCCGCAAGGTCAAGCGCAAGCTCACCTACCAGTTGACAGCGCGCTGCTGCCTGCAGTCCGCCGG
GCCTGA
```

Restriction Sites: Sgfl-MluI
ACCN: NM_001244000
Insert Size: 696 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).



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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_001244000.1](#)

RefSeq Size: 3502 bp

RefSeq ORF: 696 bp

Locus ID: 6689

UniProt ID: [Q01892](#)

Cytogenetics: 19q13.33

Protein Families: Transcription Factors

MW: 25.6 kDa

Gene Summary: The protein encoded by this gene is a transcriptional activator that binds to the PU-box (5'-GAGGAA-3') and acts as a lymphoid-specific enhancer. Four transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
Transcript Variant: This variant (4) uses an alternate splice junction at the 5' end of a coding exon compared to variant 1, that causes a frameshift. The resulting isoform (4) has a shorter and distinct N-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.