

## Product datasheet for **MC217039**

### Spem2 (NM\_175368) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Spem2 (NM_175368) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Spem2
Synonyms:	4933402P03Rik; RP23-422L16.21
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217039 representing NM\_175368  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAAAACCAGCTGTGGCAGAACCCTGAGGTGCTGCGAGCAATACCAAGAAAGCCCTCAGGATGCTG  
 AGAACATCTTGTTCCTGCTGCTGGGCCTCATCATTCTGGTCAACATCAGCATCAATGTGGCAACCGCGAT  
 GTGGCAGGGGCTCCAGAATGCCATAGACAAGATGATCTTTTGGATGAACCAGAAAACAGAAGTAGTCCAG  
 GTTACCGAATGTCCCCCAAAGAGCCCCAACAGCCAACGTCCAGGACGTCCACATCCACTGTATCCTGG  
 ACCCTGTACAAGTGAAGATGGCCCAACCACACAGTGTTCCTTCTCCTTCCCCTATTTTTGCAAGCG  
 CTCTAATGACAGGCGCAGCCGAGGCGCTACGGCTACCAACAGGGCAACCTTCAGATCCACCAAAGCAGC  
 CAGCAACAGGGTGCCTCAGCCACCAGCAGAGACTTCGCAACAGGCCACTCTCCCGTGGCTACCCACCT  
 TTCGTAACAACCTCAAGGCCACAAGATGTCACAGATGAGGCCAATGCCCTTTTTGACATGGAAGACCG  
 GGATTCCTTCCGAGGGTCATTCTGCCCGCATGCCAAGCAACCCCGTGGGGCTGGGGTAGTTTGTGT  
 AAGCCAGTCCGTCTGGCCTCCAATGTGGGACTGTGGGGTCCGACAGGGTGAATCCTTGCCAGCCTCCCAT  
 TACCCTCCCTCTACCTGTACCAGAGCTGCGCCGCTTGCCTAAGCGAGTAGAGGCCAAATCAGAAGTGA  
 GGTACAGGGCTTCGGTCCCTATTATTACAGTCCCGGATTTGGGGTACCGTGGAAGCTGAGCAGTGGGCC  
 TCATCACCACTCCTCCCCGCGGCTGCTTCTAACCTTCTCGGGTCACTGTGGGTTATAGCTCTTTCC  
 CTTCAGGGGGCCACATACCTTATGATGCCAGGGATCAGTGGAGGCGGGGACAGAAGGCTGTGAGCCACC  
 ACCTGCCTTTGTACCCAGGAACCCAGAGAGGTCCAAGGCTACCGGGACCACAACCTCCAGGCCACCGG  
 CAGAATCTCTAGTCATACTCACAGCCAACCAACCACAGCCCACCACAATCCATGGGACACGTGGGTT  
 ACAGTCCCAGGGAATCTACGAAGTCCGAGGCGGGCCCTGACTGGATTGAGGTTTTCCCTCTCGTCA  
 TCCTCTGACCACCTCTACCTCCCTTACGGCCTTGGGTGAGGCTTCATACCAAAGGGCCCCACCAGCCAGC  
 TCGGGCTGATGATCCCACACTCTCCAGCGCTTGGCGAAGTCCAGATTTCTGATCCAACCCACCTC  
 CAACCACCTTTGTTCCACTCAGTCGGAATCCAGGTGGCAATGCCACCTACCAGGTGTATGACAGCCTGGA  
 GCTGAAGAGGCAGGTGCAGGAGAACAGAGGGCGGGCCAGCTCGCTACCACCGCTTCCACCTCAGCTTCA  
 AGGCCCTCTGTCATAGAAGCCGGACAGGGAACTTAAC**TGA**

**ACGGT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_175368

**Insert Size:** 1512 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:** [NM\\_175368.1](#), [NP\\_780577.1](#)

**RefSeq Size:** 1615 bp

**RefSeq ORF:** 1512 bp

**Locus ID:** 108803

**UniProt ID:** [Q8C5U4](#)

**Cytogenetics:** 11 B3