

Product datasheet for **MC215422**

Syce1l (NM_029139) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Syce1l (NM_029139) Mouse Untagged Clone
Tag: Tag Free
Symbol: Syce1l
Synonyms: 4930481F22Rik; MMRP; mmrp2; PSESS
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215422 representing NM_029139
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGCGGAGCTGGAGCCTTTGATGGCGGAGTGGCTGGGAGCTGAGAAAGCTGAAGACACCCGAGGGC
AGGCCGCATCTGAATACGATGGAAGACTTGCTGGAGACAGTAAAAAGCTACAGAAAGAGGGAAGCCT
GGAGCCCCAGATTGAGGACCTGATCCACCGCATTAAATGAGCTGCAGCAAGGTCCAGCAAAGAAGAGATCC
AGTGAGGAGCTGGGAGAGGCTCAAGCACTCCAGGAAGCCATGCACAGGGAAGTACTCCTTAAATGAAG
AGAGAGTGCACCTAGAGGAGTCTGCGCAAAAAGCAAGAGGCTGTGTCAATTCTCAAGAAGCATCCCCA
AGAGAGAGACAGTGACACTCCACAGAAGTGTACAGTCCAGTTCTCAGGATTGAGACCAAAGAAGCTGGGG
TTGCTTCTAAGTTTGCAGCTTGGATGCTCAACAACTGGAGGAGAGGCTGGCGGATCTGGCAAGGCAACAC
AAGGACCTCTGGGAGTTCCATGTCCTGCAGCAGCGACTGGCCAGGAGATCAGCACGATGGAGCACAGGA
AAGATCAGCTTCTGCAGAGAGGACTCTGCTGCGAGCCAGGCTGGAGAAGGTGGAGCAGCGGCTGCAGGA
GGCCAGAGAGACCTGGGACAGCCAGGGAAGTGGGCTGAAGACAGAGCTGGAGGAATTGGAGGGGCGAG
TCCCAGCGCAGCCAGAAGCTCAGAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029139
Insert Size: 729 bp



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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:	<ol style="list-style-type: none">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_029139.1 , NP_083415.1
RefSeq Size:	901 bp
RefSeq ORF:	729 bp
Locus ID:	668110
UniProt ID:	Q5D525
Cytogenetics:	8 E1
Gene Summary:	<p>May be involved in meiosis. Isoform 1 may be involved in meiosis during spermatogenesis while isoform 2 is probably related to a later stage of meiosis, in the development stage of secondary spermatocytes and spermatids.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains an alternate internal exon, which results in a frameshift, compared to variant 1. This encodes isoform 2, which has a shorter and distinct C-terminus, compared to isoform 1.</p>