

Product datasheet for **MC210059**

Stmn4 (NM_019675) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stmn4 (NM_019675) Mouse Untagged Clone
Tag: Tag Free
Symbol: Stmn4
Synonyms: Lagl; R75359; RB3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210059 representing NM_019675
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACTCTGCAGCCTATAAGGAGAAGATGAAGGAACTCCCACTAGTGTCTCTGTTCTGCTCTTGCTTCT
TGTCTGATCCCCTGAATAAATCATCCTACAATATGAAGCAGATACAGTAGACCTGAAGTGGTGCAT
CTCTGATATGGAAGTCATCGAGCTGAACAAGTGCACCTCGGGCCAGTCCCTTTGAAGTCATTTGAAGCCA
CCTTCCTTTGACGGGGTGCCTGAGTTTAAATGCCTCCCTCCAAGACGGCGAGACCCATCATTAGAAGAGA
TTCAGAAGAAGCTAGAAGCAGCAGAGGAGCGAAGGAAGTACCAGGAAGCTGAAGTCCCTGAAACACCTCGC
GGAGAAACGAGAGCAGGAGGATCCAGAAAGCTATCGAAGAAAACAATAAATTCATCAAGATG
GCAAAAGAGAAGCTGGCCGAGAAGATGGAGTCCAATAAGGAGAACCAGGAGGCCATCTGGCTGCCATGT
TGGAGCGGCTGCAAGAGAAGGACAAGCACGCAGAGGAGGTGCGGAAAAACAAGGAGCTGAAGGAAGAGGC
CTCCAGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019675
Insert Size: 570 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).



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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:	<u>NM_019675.3</u> , <u>NP_062649.1</u>
RefSeq Size:	1328 bp
RefSeq ORF:	570 bp
Locus ID:	56471
UniProt ID:	<u>P63042</u>
Cytogenetics:	14 D1
Gene Summary:	Exhibits microtubule-destabilizing activity.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region compared to variant 1. It encodes isoform 2 which is shorter than isoform 1.