

## Product datasheet for RR215962

### Stmn4 (NM\_001270858) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Stmn4 (NM\_001270858) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Stmn4  
**Synonyms:** Lagl; Rb3  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR215962 representing NM\_001270858  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACCCTCGCAGCCTATAAGGAGAAGATGAAGGAAGCTCCCACTAGTGTCTCTGTTCTGCTCCTGTTTTTC  
TGTCTGATCCCCTGAATAATCATCCTACAATATGAAGCAGATACGGTAGACCTGAAGTGTGTGCAT  
CTCTGATATGGAAGTCATCGAGCTGAATAAGTGTACCTCGGGCCAGTCCCTTTGAAGTCATCCTGAAGCCA  
CCTTCCTTTGACGGGTGCCTGAGTTAATGCCTCCCTCCAAGAGCTCGAGACCCATCGCTAGAAGAGA  
TACAGAAGAAGCTAGAAGCAGCAGAGGAGCGAAGGAAGTACCAGGAAGCTGAGCTCTAAAAACCTTGC  
AGAGAAACGAGAGCATGAGCGTGAGGTAATCCAGAAAGCTATCGAGGAAAACAACAATTCATCAAGATG  
GCGAAAGAGAAGCTGGCCAGAAGATGGAGTCCAATAAGGAAAACCGGGAGGCCCATCTGGCTGCCATGT  
TGGAGCGGCTGCAAGAGAAGGAGCCGCTGCTGCGCGG

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR215962 representing NM\_001270858  
Red=Cloning site Green=Tags(s)

MTLAAAYKEKMKELPLVSLFCSCFLSDPLNKSSYKYEADTVDLNWCVISDMEVIELNKCTSGQSFEVILKP  
PSFDGVPFNASLPRRRDPSLEEIQKKLEAAEERRKYQEAELLKHLAEKREHEREVIQKAIENNFIKM  
AKEKLAQKMESNKENREAHLAAMLERLQEKEPPAAR

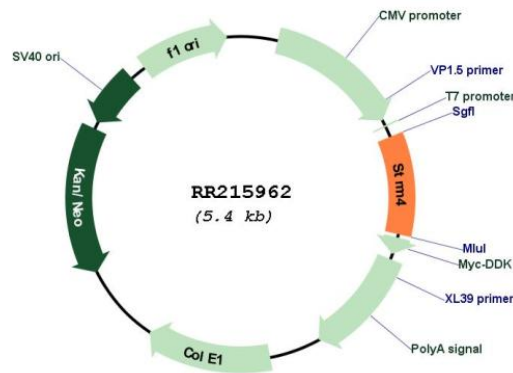
**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



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**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_001270858

**ORF Size:** 528 bp

**OTI Disclaimer:** 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](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001270858.1</a></u> , <u><a href="#">NP_001257787.1</a></u>
<b>RefSeq Size:</b>	1333 bp
<b>RefSeq ORF:</b>	531 bp
<b>Locus ID:</b>	79423
<b>UniProt ID:</b>	<u><a href="#">P63043</a></u>
<b>Cytogenetics:</b>	15p12
<b>MW:</b>	20.4 kDa
<b>Gene Summary:</b>	controls cell proliferation and activities for stathmin [RGD, Feb 2006]