

## Product datasheet for **RN216030**

### Stmn4 (NM\_001270855) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Stmn4 (NM\_001270855) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Stmn4  
**Synonyms:** Lagl; Rb3  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN216030 representing NM\_001270855  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGACCCTCGCAGCCTATAAGGAGAAGATGAAGGAACTCCCACTAGTGTCTCTGTTCTGCTCCTGTTTTT  
TGCTGTATCCCCTGAATAAATCATCTACAATATGAAGGCTGGTGTGGGAGACAGTGTAGGAGGAAAGG  
TCAAAGCCAGCGAAAGGCAGTGTCTGACTGGAGAGAAAGAAGAGAACAGGCAGATACGGTAGACCTGAAC  
TGGTGTGTCTCTGATATGGAAGTCATCGAGCTGAATAAGTGTACCTCGGGCCAGTCCTTTGAAGTCA  
TCCTGAAGCCACCTTCCTTTGACGGGGTGCCTGAGTTTAAATGCCTCCCTCCCAAGACGTCGAGACCCATC  
GCTAGAAGAGATACAGAAGAAGCTAGAAGCAGCAGAGGAGCGAAGGAAGTACCAGGAAGCTGAGCTCCTA  
AAACACCTTGAGAGAAACGAGAGCATGAGCGTGAGGTAATCCAGAAAGCTATCGAGGAAAAACAACCT  
TCATCAAGATGGCGAAAGAGAAGCTGGCCAGAAGATGGAGTCCAATAAGGAAAACCGGGAGGCCATCT  
GGCTGCCATGTTGGAGCGGCTGCAAGAGAAGGAGCCGCTGCTGCGCGG**TGA**

**ACGCGT**ACGCGCGCCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001270855  
**Insert Size:** 612 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).



[View online »](#)

<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_001270855.1</a></u> , <u><a href="#">NP_001257784.1</a></u>
<b>RefSeq Size:</b>	1414 bp
<b>RefSeq ORF:</b>	612 bp
<b>Locus ID:</b>	79423
<b>Cytogenetics:</b>	15p12
<b>Gene Summary:</b>	controls cell proliferation and activities for stathmin [RGD, Feb 2006] Transcript Variant: This variant (2) has an alternate exon in the 3' end compared to variant 1. This exon has an in-frame stop codon, resulting in an isoform (b) with a shorter and distinct C-terminus compared to isoform a. Variants 2 and 6 both encode the same isoform (b). 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.