

Product datasheet for **SC108143**

STMN4 (NM_030795) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STMN4 (NM_030795) Human Untagged Clone
Tag:	Tag Free
Symbol:	STMN4
Synonyms:	RB3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for NM_030795 edited GAATTCGGCAGCAGGGGGAAGAGAGCAGCTCGCTTCTAACTGGACTGCACGTTGGTGACAG CGTCCCAAGCTGGTGACAGACCCACTCTGTAACCTTTAGCTAGATTCAGCCACCAGATCC CAGAAACATGACCCTTGCTGCCTACAAAGAGAAGATGAAGGAGCTCCCGCTGGTGTCTCT GTTCTGCTCCTGCCTTCTGGCCGATCCCCCTGAATAAGTCGTCCTACAAATATGAAGCAGA CACGGTGGACCTGAATTGGTGCCTCATTTCCGACATGGAAGTCATCGAGCTGAACAAATG CACCTCGGGCCAATCCTTTGAAGTCATCCTGAAGCCACCCTCCTTTGATGGGGTTCCTCGA GTTCAACGCTCCCTGCCAAGGCGGCGAGACCCATCCCTGGAAGAGATCCAGAAGAACT AGAAGCGGCTGAGGAGCGAAGGAAGTACCAGGAAGCGGAGCTCCTGAAACACCTAGCAGA GAAACGGGAACATGAGAGAGAGGTGATCCAAAAGGCCATTGAGGAAAACAACAATTCAT CAAGATGGCTAAGGAAAACTGGCCAGAAGATGGAATCCAACAAGGAGAACAGGGAGGC CCACCTCGCCGCTGTTGGAACGGCTGCAAGAGAAGGACAAGCAGCCGAGGAGGTGGC GAAAAACAAGGAGCTGAAGGAAGAGGCCTCCAGGTAAAGCCTAGAGGCCAAGAAGCTTTCT CAGGTCAGCCGGACAGCTCCAGCAGCTCCACGTTCCAGGCAGCCTCGCCCGCCGGCTGGC CTCCCAGCACTGGGGTTTGGGGGAGGGGGTGGCCAAGGGCGTTTCCTCTGCTTTTGG TGTTTGTACATGTTAAGAATTGACCAGTGAAGCCATCCTATTTGTTTCCGGGAACAATG ACGGGTGGGAGAGGGGAGAGGAGAGTGGGAAAGGAGATGGAGAAGAACTCAAGG ACATTGCAACCTGCCCAGCAGATCTGATTTTACATCTCTACCTGGACATTGAGCCT CCAGGCACCATGTTGAGGAGAGATGAAAAACCAGGCGGTAGAACTTCAGGTGAAGGACA GAGTCCTGGGTGGGCGCAGCGGTGCAGGGCGCACCAGAGAACCCAGCCAGGGGGGTGTG AGTACCAGTGGTGTGTTGCTTCCACCCTGCAGCAGGTGGGATGAGGTCTGTGTGTGTGTG AACCATCATTTTTTGTATCATCATGACCAATGAAACATTGACAAAAAAAAAAAAAAAAAAAA AAAAAACTCGAC</p>



5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_030795 unedited GTATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGGGAAGAGAGCAGCTCGCT TCTAACTGGACTGCACGTTGGTGACAGCGTCCCAAGCTGGTGACAGACCCACTCTGTAAC TTTTCAGCTAGATTAGCCACCAGATCCCAGAAACATGACCCTTGCTGCCTACAAAGAGAA GATGAAGGAGCTCCCGCTGGTGTCTTGTCTGCTCCTGCTTCTGGCCGATCCCCTGAA TAAGTCGTCTACAAATATGAAGCAGACACGGTGGACCTGAATTGGTGCCTATTCCGA CATGGAAGTCATCGAGCTGAACAAATGCACCTCGGGCCAATCCTTGAAGTCATCCTGAA GCCACCCTCCTTTGATGGGGTCCCGAGTTCAACGCCTCCTGCCAAGGGGCGAGACCC ATCCCTGGAAGAGATCCAGAAGAACTAGAAGCGGCTGAGGAGCGAAGGAAGTACCAGGA AGCGGAGCTCCTGAAACACCTAGCAGAGAAACGGGAACATGAGAGAGAGGTGATCCAAA GGCCATTGAGGAAAACAACAACCTTCAAGATGGCTAAGGAAAACTGGCCAGAGAT GGAATCCAACAAGGAGAACAGGGAGGCCACCTCGCCGCATGTTGGAACGGCTGCAAGA GAAGGACAAGCACGCCGAGGAGGTGCGGAAAACAAGGAGCTGAAGGAAGAGGCCTNCAGG TAAAGCCTAGAGGCCAAGAACCTTCCAGGTGAGCCGACAGCTNCAGCAGCTNCACGTT CCAGGCAGCCTCGCCCGCGGCTGCGCTCCACACTGGNGTTGGNGGGAGGAGGGGGGT GCCAAGGGGGCGTTNCCTCTGCTTTGGNNGTNGNACATGTAAGAATTGACCGTGAAGC ATNCTATNTGT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_030795 unedited CGCATCTATATCGAGNCCTTCTTTTTTTTTTTTTTTTTTTTTTTTGGCAATGGTTCATTGGTCA TGATGATCAAAAATGATGGTTCACACACACACAGACCTCATCCACCTGCTGCAGGG TGAATCAACACCACTGGTACTCACACCCCTCTGGCTGGGTTCTCTGGTGCCTGCA GCCGCTGCCCCACCAAGACTCTGTCTTACCCTGAAGTTCTACCGCCTGGTTTTTCAT CTCTCCTCAACATGGTGCCTGGAGGCTCAATGTCCAGGTAGAGATGTGAAAATCAATCT GCGCCGGCAGGGTTGCAATGTCCTTGAGTTCTTCTCCATCTCCCTTTCCAAACTCTTT TCTCTCCCTCTTCCACCCGTCATTGTTCCCGGAAACAAATAGGATGGCTTCACTGGT CAATTCTTAACATGTACAAAACCAAAAGCAGAGGAAACGCCCTTGGCCACCCCTCC CCCAAACCCAGTGCTGGGAGCGCAACCGCGGGCGAAGCTGCCTGGAACGTGGAGCTG CTGGAGCTGTCCGGCTGACCTGGAAGTTCTTTGGCCTAAGCTTTACCTGGAGCCCTC TTCCTTCACTCCCTGTTTTTCCGCACCTTCTCGGAGTGTGGCCTTCTTTCAGCCG GTCCACATGGCCGGAATTGGGCTCCCTGTCTCCCTGTTGGATCCATTCTTCTGGCCAA TTTTCCCTAACCACTCTGAAAAATTGTTGTCTCCCATGGCCCTTTGAAAACCTCTTTT ATGTTCCCGTTTTTTGACTAGGGTACTAGAGCCCGCTTCTTGGACCTCCTTCGTCCTCA CAACCGCTTAATTTTTTCGGATCTCTCACAGTAGGGTCTCCCGCTGGAGGGAGCGTG AACTCCGAACCCCTTAAGAGGGGCTCAGATAACTCAAAGATGGCCAGGGCCTTTTTAAC TCAAACCTCTGTGGAG</p>
Restriction Sites:	ECoRI-NOT
ACCN:	NM_030795
Insert Size:	1300 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_030795.2](#), [NP_110422.2](#)

RefSeq Size: 1352 bp

RefSeq ORF: 651 bp

Locus ID: 81551

UniProt ID: [Q9H169](#)

Cytogenetics: 8p21.2

Domains: Stathmin

Gene Summary: Exhibits microtubule-destabilizing activity.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longest isoform (1). 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.