

Product datasheet for **SC114578**

STMN3 (NM_015894) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STMN3 (NM_015894) Human Untagged Clone
Tag:	Tag Free
Symbol:	STMN3
Synonyms:	SCLIP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene ORF within SC114578 sequence for NM_015894 edited (data generated by NextGen Sequencing)</p> <p>ATGGCCAGCACCATTTCCGCCTACAAGGAGAAGATGAAGGAGCTGTCGGTGCTGTCGCTC ATCTGCTCCTGCTTCTACACACAGCCGCACCCCAATACCGTCTACCAGTACGGGGACATG GAGGTGAAGCAGCTGGACAAGCGGGCCTCAGGCCAGAGCTTCGAGGTCATCCTCAAGTCC CCTTCTGACCTGTCCCAGAGAGCCCTATGCTCTCCTCCCAACCAAGAAGAAGGACACC TCCCTGGAGGAGCTGAAAAGCGGCTGGAGGCAGCCGAGGAGCGGAGGAAGACGCAGGAG GCGCAGGTGCTGAAGCAGCTGGCGGAGCGGCGGAGCAGCAGCGCGAGGTGCTGCACAAG GCGCTGGAGGAGAATAACAATTTCAGCCGCCAGGCGGAGGAGAAGCTCAACTACAAGATG GAGCTCAGCAAGGAGATCCGCGAGGCACACCTGGCCGCACTGCGCGAGCGGCTGCGCGAG AAGGAGCTGCACGCGCCGAGGTGCGCAGGAACAAGGAGCAGCGAGAAGAGATGTCGGGC TAA</p> <p>Clone variation with respect to NM_015894.2</p>



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_015894 unedited</p> <p>TATACGACTCACTATAGGGCGGCCGCGNATTCGGCACGAGGCCGTCTGCAGCTCCGGCCG CCACTTGGCGCTCTCCAGCCTCCGACGGCCCAACCGCCGCCAGCACCATGGCCAGCACCA TTTCCGCTACAAGGAGAAGATGAAGGAGCTGTCGGTGTGTCGCTCATCTGCTCCTGCT TCTACACACAGCCGCACCCCAATACCGTCTACCACTACGGGGACATGGAGGTGAAGCAGC TGGACAAGCGGGCTCAGGCCAGAGCTTCGAGGTATCCTCAAGTCCCCTTCTGACCTGT CCCCAGAGAGCCCTATGCTCTCCTCCCCACCCAAGAAGAAGGACACCTCCCTGGAGGAGC TGC AAAAGCGGCTGGAGGCAGCCGAGGAGCGGAGGAAGACGCAAGAGGCGCAAGTGTGA AGCAGCTGGCGGAGCGCGCAGCACGAGCGCGAGGTGCTGCACAAGGCGCTGGAGGAGA ATAACAATTCAGCCGCCAGGCGGAGGAGAAGCTCAACTACAAGATGGAGCTCAGCAAGG AGATCCGCGAGGCACACCTGGCCGCACTGCGCGAGCGGCTGCGCGAGAAGGAGCTGCACG CGGCCGAGGTGCGCATGAACAAGGAGCAGCGAGAAGAGATGTCGGGCTAAAGGCCCGGA CGGGCGGCGCCCATCTGCGACGGAACACGTTCCGGTTTTGTTNTGTTTCGTTACCTC TGTCTAGATGCAACTTTTGTTCCTCCTCCCCACCCAGCCCCAGCTTCATGCTTTCTC TTCCGCACTCAGCCGCCCTGCCCTGTCTCGTGGTGAGTCGCTGACCACGGGCTTCCCCT GCAGAGCCGNCGNCGTGAGACGCGTCCCTCGGTGCAAACACAGGCCCGGCGCGGCTG GTTCCCCCGGGGCCCTGTGA</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_015894
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:	<u>NM_015894.2</u> , <u>NP_056978.2</u>
RefSeq Size:	2255 bp
RefSeq ORF:	543 bp
Locus ID:	50861
UniProt ID:	<u>Q9NZ72</u>
Cytogenetics:	20q13.33

Gene Summary:

This gene encodes a protein which is a member of the stathmin protein family. Members of this protein family form a complex with tubulins at a ratio of 2 tubulins for each stathmin protein. Microtubules require the ordered assembly of alpha- and beta-tubulins, and formation of a complex with stathmin disrupts microtubule formation and function. A pseudogene of this gene is located on chromosome 22. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]
Transcript Variant: This variant (1) encodes the longest protein (isoform 1).