

## Product datasheet for RC232028

### STMN2 (NM\_001199214) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** STMN2 (NM\_001199214) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** STMN2  
**Synonyms:** SCG10; SCGN10  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC232028 representing NM\_001199214  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTAAACAGCAATGGCCTACAAGGAAAAATGAAGGAGCTGTCCATGCTGTCACTGATCTGCTCTT  
 GCTTTTACCCGGAACCTCGCAACATCAACATCTATACTTACGATGATATGGAAGTGAAGCAAATCAACAA  
 ACGTGCCTCTGGCCAGGCTTTTGAGCTGATCTTGAAGCCACCATCTCCTATCTCAGAAGCCCCACGAACT  
 TTAGTCTTCAAAGAAGAAAGACCTGTCCCTGGAGGAGATCCAGAAGAACTGGAGGCTGCAGAGGAAA  
 GAAGAAAGTCTCAGGAGGCCAGGTGCTGAAACAATTGGCAGAGAAGAGGGAACACGAGCGAGAAGTCTT  
 TCAGAAGGCTTTGGAGGAGAACAACAATTCAGCAAGATGGCGGAGGAAAAGCTGATCCTGAAAAATGGAA  
 CAAATTAAGGAAAACCGTGAGGCTAATCTAGCTGCTATTATTGAACGTCTGCAGGAAAAGCTGGTCAAGT  
 TTATTTCTTCTGAACTAAAAGAATCTATAGAGTCTCAATTTCTGGAGCTTCAAGAGGGAAGGAGAGAAGCA  
 A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC232028 representing NM\_001199214  
 Red=Cloning site Green=Tags(s)

MAKTAMAYKEKMKEL SMLSLICSCFYPEPRNINIYTYDDMEVKQINKRASGQAFELILKPPSPISEAPRT  
 LASPKKKDL SLEEIQKKLEAAEERRKSQEAQVLKQLAEKREHEREVLQKALEENNNFSKMAEEKLILKME  
 QIKENREANLAAI IERLQEKL VKFISSELKESIESQFLELQREGEKQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**



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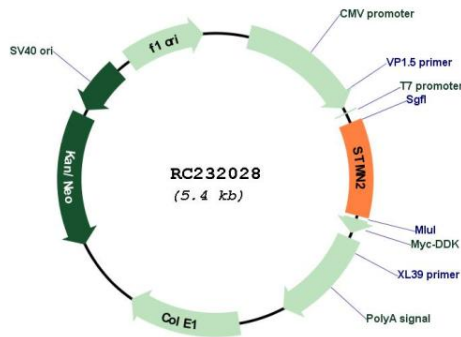


**Cytogenetics:** 8q21.13

**MW:** 22.3 kDa

**Gene Summary:** This gene encodes a member of the stathmin family of phosphoproteins. Stathmin proteins function in microtubule dynamics and signal transduction. The encoded protein plays a regulatory role in neuronal growth and is also thought to be involved in osteogenesis. Reductions in the expression of this gene have been associated with Down's syndrome and Alzheimer's disease. Alternatively spliced transcript variants have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome 6. [provided by RefSeq, Nov 2010]

**Product images:**



Circular map for RC232028