

Product datasheet for **RN201888**

Stmn2 (NM_053440) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stmn2 (NM_053440) Rat Untagged Clone
Tag: Tag Free
Symbol: Stmn2
Synonyms: Scg10; Scgn10
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201888 representing NM_053440
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTAAAACAGCAATGGCCTACAAGGAAAAATGAAGGAGCTGTCTATGCTGCTACTGATCTGCTCT
GCTTCTACCCGGAGCCTCGCAACATCAACATCTACACCTACGATGACATGGAGGTGAAGCAGATCAACAA
GCGTGTCTCCGGCCAGGCTTTCGAGCTGATCTTAAGCCCCGTCTCCATCTCGGAAGCTCCACGAACT
CTAGTCTCTCAAAGAAGAAAGACCTGTCTCTGGAGGAGATCCAGAAAAAGCTGGAGGCTGCAGAGGGGC
GAAGGAAGTCTCAGGAGGCCAGGTGCTGAAGCAGTTGGCAGAGAAGAGGGAGCAGGAGCGAGAAGTCT
CCAGAAGGCTTTGGAGGAGAATAACAATTCAGCAAGATGGCGGAGGAGAAGCTGATCCTGAAAATGGAA
CAAATTAAGGAAAACCGTGAGGCTAATCTAGCTGCTATCATTGAACGTCTGCAGGAAAAGGAGAGGCATG
CTGCCGAGGTGCCAGGAACAAGGAAGTGCAGGTTGAAGTGTCTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053440
Insert Size: 540 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 »](#)

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_053440.2</u> , <u>NP_445892.1</u>
RefSeq Size:	1870 bp
RefSeq ORF:	540 bp
Locus ID:	84510
UniProt ID:	<u>P21818</u>
Cytogenetics:	2q23
Gene Summary:	regulatory phosphoprotein; involved in promoting microtubule depolymerization and maintenance of long-term synaptic plasticity [RGD, Feb 2006]