

Product datasheet for **MC222480**

Ston2 (NM_175367) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ston2 (NM_175367) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ston2
Synonyms:	4933401N24Rik; AI425999; AW544599
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC222480 representing NM_175367
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACGACCTTGACCATGTCATTGCCACCACCAGTCAGAGTGGGTCTCCTTCAGTGAAGAGCCATTGT
 TCCCCACCCTTTAGAGGGGGCACTGAAGAGCACTTCCAGGACTGTCACTTCTCAGAGCGGTCTGA
 GAGCTCCTCTGGGGAGAACCATGTCGTGGATGAAGGCTCCAGGACCTTTCACACTCTGAGCAGGATGAC
 TCCTCTGAGAAAAATGGGACTCATCTCTGAAGCAGCCTCCCTCCGGGGAGCCCGTGCAGCCACACCTG
 ACCTGGCCTCAGCCATCAGCAACTGGGTCCAGTTTGAAGATGACACACCCTGGAGCAGCCTCACCACC
 TCACAAGGAAACAGCCCTCACATTGACCATGCCCTGCTGGACATGCCCTTCTTCGACTCTCTGAGAAGA
 TGCCCTTTGACGTCGGAGAGCAGTTGGACCACGCATTCTGAGGACACCAGCAGTCCAGCGTTGCTCCTT
 CCTACACAGACCTGCAGCTCATCAATACCGAGGAACAGGCAAGCGGCAGGGCTTCCGGGACCGACTAC
 CGACAACCTCGTCTCCTCCAGGAAGATGAAGAAGTAGAAATGGAAGCCATCAGTTGGTGGGCAGGCAGT
 CCAGCCATGAATGGGCATCCTGCCGCTCCACCGGTGACCACAGCTCGTTTCCCCAGCTGGGTCACTTTTG
 AAGACAATGAAGTCGGCTGCCCTTCGCCGCCAGTCCCCTCTCAAAGAAGCCAAACACCCCATCTGCCGC
 AACTGCCGCCAGATGTACCTTCAACTCAACTGGGTCACTTAAAGAGGGACCGTCCCAAGAGCACACTG
 ATGAACTTACCCAAAGTTCAAAGTTGGACATTTCTCCTTAAACCGGCCACCTTCTGTAATCGAGGCC
 CACCCTGGAGGGCCACCAATCCTTCTGAATGAGACTCTGCAGGACGTACAGCCCTCGCTATCAACCC
 GTTCAGTGCTTTCTTGAAGAGCAGGAAAGCGCTCCAAAACAGTTCGGTTTCCAGTACCACCGGCAAA
 AGCCAAAGAGATTCTCTGATTGTCGTCTACCAGGATGCCATCAGCTTTGATGATTCAGGCAAAAGCCAGC
 CCCACCCGACGCCATCGAAAAGCTCAAGCAACTCCAAATTTGATGATCCTGATCCCGTCGGCAATACAGC
 CCTGCCCGATGACGACCCACGGCTCGGTTGAACTGGAGCCCCCTCACCTGCCTCAGCGCTCTCTCAG
 CCCAGGGACGGGTGGCCAATGATGCTGCGAATCCCGGAGAAGAAAAACATCATGCTCTAGGCACTGGG
 GACCAATCTACATCAAAGTACAGCCAGCGTTACCTGCAGCTGTATTACGAGCAAGGCTTAGAAAAAGCC
 ATTCGGGAATCAAGCTGGAGATCTGCCACGAGGTGTCGGAGCCCGGCTCCAAAACATGACGAGAAC
 GGGAGGATCCACAGCTTGAGGATAGACCGGTCACCTACAAGGAGAAGAAGAAATACCAGCCAAACCTG
 CTGTGGCCACGCAGCGGAACGGGAACAGGTAATTAACCTGGGCACCACCAACTACGACGACTTCCGGAG
 CTTTCATCCATGCGGTTCCAGGACCGTCTCATGGATTTACCAGTGTGTCCATGGACCTGAGCACAGTCGGC
 TTAACCTACCTCGAAGAGGAGATCACGGTGGACGTCCGAGACGAGTTCTCTGGCACAGTGGCAAGGGAG
 ACAACCAGATCTTACAGCATCATGTCTTGACACGGATCCACATACTGAGTTTCTCTCTGGGCTCGCCGA
 GTGCCGCTTGGGCCTCAATGACATCCTCATCAAAGGGAACGAAATCGTTTCCCGGACAGGACATCATGCC
 ACCACCACCACCAAGTGGATCAAGCTCCACGAGTGCCGTTTCCACGGGTGCGTGGACGAGGACGTGTTTA
 ACAGTTCCCGGTTATTCTGTTCACCCCTTTGGACGATGCCGTTTGGAGCTCATGAGGTTTAGGACCGT
 ATTTGCCGAGAAGACCTTGCCTTCACTCAGGACCGCAGCGAGCATTAAACGGGGCGGAAGTAGAGGTG
 CAGAGCTGGCTGAGGATGTCCCCGGCTTCTCCTTAACCGGACCCCTCACTCAGGTTCCCTGTGAGA
 AAGTCTTTGAAAGCCAAAGTGAACCGGGGGCAAGTTTTGGTTCTGCCGTTGCCCTCTGGCTCCGAGCCC
 GTCATGAGAGTAACTCTGGGAACGGCCAAGTATGAGCACGCCCTCAACTCCATTGTGTGGAGGATAAAC
 GGCTGCCAGACAAGAAGTCAAGTCTGGCCACCACACTGTTTCTTTTGGCACCTTGAGCTTGGCTCTGA
 CCGGGAAGTGCCTTCCAGATTTGCCAACTATGTAACGTTGAGTTCAGCATGCCACGACTTCTGCCTCC
 AAAGCAGCCGTGAGATCCGTGTCTGTGGAGGACAAGCCTGACGTGAGGAAGTGGTCAATTATTCTGCAC
 ACTACAGCTACAAGTGGAAATGAACAGAAAAAGAGTTTGAAGCCAGACTTTGAGGGAGAGGACTTGA
 AAACCCAAAGGAATGTGGGTACAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_175367

Insert Size:	2688 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:	<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_175367.6</u> , <u>NP_780576.1</u>
RefSeq Size:	9896 bp
RefSeq ORF:	2688 bp
Locus ID:	108800
UniProt ID:	<u>Q8BZ60</u>
Cytogenetics:	12 D3
Gene Summary:	Adapter protein involved in endocytic machinery. Involved in the synaptic vesicle recycling. May facilitate clathrin-coated vesicle uncoating (By similarity).[UniProtKB/Swiss-Prot Function]