

## Product datasheet for **MC221546**

### Strn (NM\_011500) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Strn (NM_011500) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Strn
Synonyms:	AU022939; D130055P19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221546 representing NM\_011500  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGACGAGCAGGCGGGGCCGGCTCTTCTTCAGCAACAACCACCCGGGAGCTGGCGGTGCTAAGGGC  
 TCGGGCCTCTGGCGGAGGCTGCAGCGGCCGGAGACGGAGCGGCTGCGCGGGGGCCGAGCTCAGTA  
 CAGCCTCCCGGGGATCTTGCACCTTCTGCAGCAGCAATGGGCCCGCTTCGAGGTGGAGAGAGCCAGTGG  
 GAGGTGGAGCGGGCGGAGCTGCAGGCTCAGATTGCTTTCTTCAGGGGAGAGGAAAGGACAAGAAAATT  
 TGAAGAAAGATCTTGTGAGGAGGATCAAAATGCTGGAATATGCTTTGAAGCAGGAAAGAGCCAAATACCA  
 CAAGTTGAAATATGGGACAGAACTGAATCAGGGAGACATGAAGCCTCCAAGCTATGACTCTGATGAAGGT  
 AATGAAACAGAGGTGCAGCCACAGCAAAATAGCCAGTTAATGTGGAACAAGGCCCGCAGCTACTCAGGC  
 AGTATCTCCAGGAGTCCGCTACACAGATACTATTCTAGACGTGAAATCCAAGCGTGTGCGGGCATTGTT  
 GGGCTTTTCAAGTGATGCTACTGACAGGGAGGATGACAAAAACCAGGACTCAGTGATAAATGGCACAGAG  
 GCTGAAGTTAAAGAGACAGCAATGATTGAAAAATCCGAGCTAACGGATTCTGCCTCTGTGCTGGACAATT  
 TCAAAATCCTTGAAGTGACAGCTGCAGATGTCAGTGACGAGGACGAGGACGAGGACACTGATGGAAGAGC  
 CAAGAGTGTCATTGATACTTCCACAATTGTTAGGAAAAAGCATTGCCTGATACCAAGTGAAGATCGAGAC  
 ACAAAGAAGCTCTGAAGGAGTTTGACTTTCTTGTACATCAGAGGAAGGAGACAACGAATCTAGAAGCG  
 CAGGCGATGGAACCGACTGGGAAAAGGAAGATCAGTGTCTCACGCTGAAGCCTGGAATGTGACCAGGG  
 AGTGATCTCAAACCTGAAGGAGCAGTACAAAAAGGAGAGGAAGGGGAAGAAGGGGTGAAGAGGCCCAAT  
 AGGTCAAACCTACAAGATATGCTTGCTAATTTGAGAGACGTTGATGAACCTCCCTCCTTGACCCATCTG  
 TTGGCTCCCCTCCAGACCCAGCAGCTCCAGGCTTCCAGAACAGGAGCTCAGTAGGGCAGATGAAGTGGA  
 AGCGCTGACATCCCCCTTCTTCTGGGAAGTCATTTATCATGGGAGCAGACGAAGCCCTTGAGAGCGAG  
 CTGGGGCTTGAGAATTAGCAGGCTCACGGTGGCCAATGAAGCAGACTACTAGCTTATGATATAGCGA  
 ATAACAAAGATGCCTTGAGGAAGACGTGGAACCTAAGTTTACATTAAGGAGTCACTTTGATGGCATCCG  
 AGCCCTTGCTTTCCACCCATTGAGCCTGTGTTAATAACAGCCTCAGAGGACCATACGCTGAAAATGTGG  
 AATCTACAGAAAACAGCCCCAGCCAAAAGAGTACTTCTAGATGTGGAGCCTATCTATACATTACAGG  
 CTCACAAAGGCCCGTGTGTGTGGTCATGAGTAGCAATGGTGAGCAGTGCTACAGCGGGGACTGA  
 CGGGCGGATCCAGAGCTGGAGCACCACCAATCCCAACGTCGATCCCTACGACGCTTACGATCCTTCAGTT  
 CTAAGAGGCCCTCTGCTGGGCCACAGGACGCGGTATGGGGCTGGCCTACAGTGCGGCACACCAGCGCT  
 TGCTCTCCTGCTCAGCAGACGGCACTCTTCGCTTATGGAATACAACCTGAGGTTGCTCCAGCACTGAGTGT  
 ATTTAATGATAACCAAGAGCTGGGAATTCCTGCCTCTGTGGATCTGGTGAGCAGCGACCCGAGCCATATG  
 GTAGCATCGTTACGAAGGGATATACAAGCATCTTTAACATGGAACACAGCAGCGAGTTCTCACGCTAG  
 AATCCAATGTTGATTCAACATCCAGTTCTTCTGCCAAAATAACAGAGTCATCAGCCATCCTACCCCTCC  
 AATCAGCATCACTGCTCATGAAGACAGGCACATCAAGTTCTACGATAACAATACAGGCAAACTGATCCAC  
 TCGATGGTGGCCACCTGGAAGCTGTGACAAGCCTGGCAGTTGACCCGAATGGCCTCTACTTGATGTCTG  
 GCAGTCATGACTGTTCAATACGCTTATGGAATTTAGAAAGTAAGACATGTATCCAGGAGTTCACAGCTCA  
 TCGGAAGAAATTTGAAGAATCGATCCACGATGTAGCGTTCCACCCCTTCCAATGCTATATAGCCAGCGCT  
 GGAGCCGACGCCCTGGCTAAGGTCTTTGT**ATGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul  
 ACCN: NM\_011500  
 Insert Size: 2343 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_011500.2</a> , <a href="#">NP_035630.2</a>
<b>RefSeq Size:</b>	3965 bp
<b>RefSeq ORF:</b>	2343 bp
<b>Locus ID:</b>	268980
<b>UniProt ID:</b>	<a href="#">O55106</a>
<b>Cytogenetics:</b>	17 E3
<b>Gene Summary:</b>	Binds calmodulin in a calcium dependent manner. May function as scaffolding or signaling protein.[UniProtKB/Swiss-Prot Function]