

## Product datasheet for **RN203460**

### Strn (NM\_019148) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Strn (NM_019148) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Strn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203460 representing NM\_019148  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGACGAGCAGGCGGGGCCGGCTCTTCTTCAGCAACAACCATCCGGGAGCTGGCGGTGCTAAGGGC  
TCGGCCCTCTGGCGGAGGCTGCAGCGCGGGAGACGAGCGGCTCGCGCGGGGGCGGCCGAGCTCAGTA  
CAGCCTCCCGGGATCTTGCACCTTCTGCAGCAGCAATGGGCCCGCTTCGAGGTGGAGAGAGCCAGTGG  
GAGGTGGAGCGGGCGGAGTTGCAGGCTCAGATTGCTTTCCTTCAGGGGAGAGGAAAGGCCAAGAAAAT  
TGAAGAAAGATCTTGTGAGGAGGATCAAAATGTTGGAATATGCTCTGAAGCAGGAAAGAGCCAAATACCA  
CAAGTTGAAATATGGACAGAAGTGAATCAGGGAGACATGAAGCCTCCAAGCTATGATTCTGATGAAGGC  
AATGAAACGGAGGTGCAGCCACAGCAGAACAGCCAGTTTCATGTGAAGCAAGGCCGCGAGCTCCTCAGAC  
AGTATCTCCAGGAGGTCCGCTACACAGATACTATTCTAGATGTGAAGTCCAAGCGTGTGCGGGCATTGTT  
GGGCTTTTCAAGTGATGCTACTGACAGGGAGGATGACAAAAACCAGGACTCGGTGATAAATGGCACAGAG  
GCTGAAGTTAAAGAGACAGCAATGATTGAAAAATCTGAGTTAACGGATTCTGCCTCCGTGCTGGACAATT  
TCAAATTCCTTGAAGATGCAGCTGCAGATTTCAAGTGTGAAGACGAGGATGAGGACATTGATGGAAGAGA  
GAAAAGTGTCACTTGAATACTTCAACCATTGTTAGGAAAAACCATTACCTGATACCAAGTGAAGATCGAGAC  
ACAAAAGAAGCTCTGAAGGAGTTTACTTCTTGTGCGCTCAGAGGAAGGAGACAACGAGTCCAGAAGTG  
CAGGCGACGGAACGACTGGGAAAAGGAAGATCAGTGTCTGACGCCGAGCGCTGGAATGTGACCAGGG  
AGTGATCACCAGACTGAAGGAGCAGTACAAAAGGAGAGGAAGGGGAAGAAAGGGGTGAAGAGGCCCAAT  
AGGTCAAACTACAAGATATGCTTGCTAATTTGAGAGACGTTGATGAACCTCCCTCCTTGACGCCATCTG  
TTGGCTCCCTTCCAGACCCAGCAGCTCCAGGCTTCTGAGCAGGACATCAGTAGGCGAGATGAAGCCCTTGAAGCGAG  
AGCATTGACGTTCCCGCCTTCTCAGGGAAGTCAATTTATCATGGGAGCAGATGAAGCCCTTGAAGCGGAG  
CTGGGGCTTGGAATAGCAGGCTTACAGTGGCCAATGAAGCAGACTATTAGCTTATGATATAGCGA  
ATAACAAAGACGCTTGAGGAAGACGTGGAACCTAAGTTTACATTAAGGAGTCACTTTGATGGCATCCG  
AGCCCTTGCTTTCCACCCATCGAGCCTGTGTTAATAACCGCGTCAGAGGACCACAGCTGAAAATGTGG  
AATCTGCAGAAAACAGCCCCAGCTAAAAGAGTACTTCTTTAGATGTGGAGCCTATCTACACCTCAGGG  
CTCACAAAGTCCGGTGTGTGTGGTATGAGTAGCAATGGTGAAGCAGTGTACAGCGCGGCGACTGA  
TGGCCTCATCCAGAGCTGGAGCACCACCAATCCCAACGTCGACCCCTACGATTCTTATGATCCTTCGGTT  
CTAAGAGGCCCTCTGTTGGGCCACCGGATGCGGTGTGGGGCTGGCCTACAGCGCGGCCACCAGCGCT  
TGTTGTCCTGTTACGAGACGGCACTCTTCGTCTATGGACCACCACTGAGGTTGCTCCAGCGCTGACTGT  
ATTAATGATAACCAAGAACTGGGAATCCCTGCTTCTGTGGATCTGGTGAAGCAGTGAACCCGAGCCATATG  
GTAGCATCGTTACGAAGGGATATAACAAGCATCTTCAACATGAAAACACAGCAGCGAATTCTCACGTTAG  
AATCCAATGTCGATTCAACGGCCAGTTCTTCTGCCAAAATAAACAGAGTCATCAGTACCCACCCTCCC  
GATCAGCATCACTGCTCACGAGGACAGGCACATCAAGTTCTACGATAACAACACAGGCAAACTGATCCAC  
TCGATGGTGGCCACCTGGAAGCCGTTACAAGTTTGGCGGTTGATCCCAACGGCCTGTACCTGATGTCTG  
GCAGTCATGACTGTTCAATACGCTTGTGGAATTTAGAAAGTAAGACGTGTATCCAGGAGTTCACAGCTCA  
TCGGAAAAAGTTTGAAGAGTCGATCCATGATGTAGCATTCCACCCCTTCTAAATGCTATATAGCCAGCGCT  
GGAGCCGACGCCCTGGCTAAGGTCTTTGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja3254\\_a05.zip](https://cdn.origene.com/chromatograms/ja3254_a05.zip)

Restriction Sites: SgfI-MluI

ACCN: NM\_019148

Insert Size: 2343 bp

<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
<b>Components:</b>	<p>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).</p>
<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_019148.2</a> , <a href="#">NP_062021.1</a>
<b>RefSeq Size:</b>	2985 bp
<b>RefSeq ORF:</b>	2343 bp
<b>Locus ID:</b>	29149
<b>UniProt ID:</b>	<a href="#">P70483</a>
<b>Cytogenetics:</b>	6q11
<b>Gene Summary:</b>	calmodulin-binding protein [RGD, Feb 2006]