

## Product datasheet for **MC202458**

### **Strn4 (NM\_133789) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Strn4 (NM_133789) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Strn4
Synonyms:	C80611; ZIN; zinedin
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC080283 sequence for NM\_133789  
 GCGGGCGCGGGGCCGCCCCGGGGCCTCCATGATGGAGGAGCGAGCGGCCGCCCGGTTCGCATCGGCCG  
 CCTCCTCTGCCGCCCTCTGGGCTCGGGCACGGCTCCCAACCCGACGGCGGGCCCGGCCCTCCAGCCC  
 TGCTCCTGGGCCCCGGCCCGTAGGAAAAGGAGGTGGCGGGGAGGCGAGCCCGGCCCTACGGCGGGCCCC  
 GAGCCCCCAGCCTGCCGGGATCCTGCACTTTATCCAACACGAGTGGGCACGCTTGAAGCCGAGAAGG  
 CCCGCTGGGAGGCCGAGCGCGCCGAGCTGCAGGCTCAGGTGGCTTTCTCCAGGGGGAGAGGAAAAGGCCA  
 AGAGAATCTAAAGACGGACCTGGTGCGGCGGATCAAGATGCTGGAGTATGCACTAAAGCAGGAGAGGGCC  
 AAATATCATAAACTGAAGTTTGGTACAGACCTGAATCAGGGGGAGAAGAAGACAGATCTGTCAAGCAAG  
 TCTCCAATGGCCCTGTAGAGTGGTGCACACTGGAGAACAGCCATTGGTGTGGAAGGAGGGTTCGACAGCT  
 TCTGCGACAGTACCTGGAAGAGGTGGGCTACACAGATACCATCTTGGACATGCGGTCCAAGCGTGTGCGT  
 TCCCTTCTGGGCCGTTCACTGGAACCTCAATGGGGCCGGTGGAGCCGTTGAGGGGGCCCCAGGGCTTAC  
 CAGGCCCTGGGGACTTAGCGGTGGCGAGTCTCTACTGGTAAAACAGATCGAGGAACAGATCAAGAGGAA  
 TGCAGCTGGCAAAGATGGCAAGGAGCGCTGGGTGGCTCGGTGCTGGAGCAGATACCCCTTCTGCAGAAC  
 TGCAGGATGAAGACAGCGATGAGGATGATGAACTGGACAGTGTGCAGCATAAGAAGCAACGTGTGAGGC  
 TCCCATCCAAGGCCCTAGTGCCTGAAATGGAGGACGAGGATGAAGAGGATGACTCAGAAGATGCCATCAA  
 TGAGTTTGATTTCTGGGCTCAGGAGAGGATGGAGAGGGGTCTCCAGATCCTCGACGTTGTACTTACAGG  
 GGAACCCCCATGAGCTGGAAGCCGTCCGGTCAAACCTCCAGGGAATTCTTGTGACCTCCGGGATGTGG  
 ATGGGCTGCCCCGAAAGTGACTGTCCCACCTCCTGGCACACCCAGCCCCGGCCTCATGAAGGTTCTT  
 TGGCTTCTCTCAGACGCTTTCATCATGGACACTATCGGGGGCGGGGAGGTGAGCCTGGGGGACTTGGCA  
 GATCTCACCGTCACCAATGACAACGACCTCAGCTGTGATCTGTCTGACAGCAAAGACGCTTTCAAGAAGA  
 CATGGAACCCCAAGTTTACCCTCCGCTCACACTACGATGGCATCCGCTCCCTGGCCTTCCACCACAGCCA  
 GTCAGCACTGCTTACTGCCTCTGAGGATGGCACACTCAAACCTGTGGAACCTGCAGAAGGCAGTTACGGCC  
 AAGAAAATGCTGCACTGGATGGAGCCGATTCATGCTTCCGAGCTCACAGGGGCCCGTGGCAG  
 TCACCATGGGCAGCAACAGCGAGTACTGTTACAGTGGTGGGGCTGATGCCAGGATCCACAGCTGGAAGAT  
 TCTGACCTCAACATGGACCCATATGATGGCTATGACCCAAGTGTGCTGAGCCATGCTCTGGAAGGCCAT  
 GGGGATGCTGTGGGTCTGGCCTTCACTCCCACCTCCCAGCGCCTAGCATCCTGCTCTGCCGATGGCA  
 CCGTCCGCATCTGGGATCCCAGCAGCAGTGGTCCAAGCTGCCTCTGTACCTTCCCATGGATGGAGAACA  
 TGGAAATCCACCTCAGTGGCCTTACCAGCACTGAACCTGCCCATGTCGTGGCCTCCTTTCTGTTCTGGT  
 GATACCGTTCTTTATGACCTGGAAGCTGGCAGCGCCCTTCTCACATTGGAGTCTCGAGGGAGCAGTGGCC  
 CAGCACAGATCAACCAGGTGGTGGTACCCAAGCCAGCCTCTCACCATCACTGCACACGACGACAGGGG  
 CATCCGGTTCCTGGACAATCGAACAGGTAATCTGTGCATTCCATGGTGGCCACCTGGATGCAGTCACC  
 TGCTAGCTGTGGACCCAATGGCGTGTCTTGTATGTCAGGAAGCCACGACTGTTCTCTGCGTTTATGGA  
 GCCTAGACAACAAGACATGTGTGCAGGAGATCACGGCCACCAGCAAGAAGCATGAGGAGGCCATCCATGC  
 AGTGGCCTGCCATCCCAGCAAGGCACTTATTGCCAGTGTGGTGGTGTATGCCCTAGCCAAGGTCTTCGTA  
 TGATCCCACCTGGCCTCGCCCTGGCTGCACAGTGTGAGGAGCGGGGCCAGGCAGTGGGGCTGAGGCAGC  
 CCCCAGCCTCACCTTCAAGGCTCTGAGTCTTGGCCTCTTTCATCTTCTGGAGCCTGGTGGTGTAAAG  
 GCCCTTTCCCAGGAGTCAACCTCAAGGATGGCCTCTGGGGTTTCTGCTCATGCCCAACCCCAACTCC  
 TGACATAGCTGTGCTCCTGAGTTTACACAGCCAGGCTGGGTGTCTTTGGGATCTGATTTTGACCAAG  
 ATGAAAGAAGATGCCAGGCTCCCTCCTAGAGTGGCACCCTCCCTCATTTCATCAGATGAAGGGCTGTGCAG  
 AGAGGGGTCTCCTGGGGCCCTCATGTGGGCCCCAGGTTGCTCTTTGGACCTCAGTCCATTCTCTTG  
 CTCCCAACACTAACCAAGCCTCTGGGGCCAGGCCTTCTGGGAAGGGCCTCCACTCCTCTGGGGCATTG  
 TCCTAGCCACAGGCCCTCCTTGAGATGTAGAGAGAGGGTGGAGTGGGCCCTGTGCCCTAGTTCTCTGTA  
 TATCTGTATAAAGGAATGGGATTTTAAATGGCACCCACCCACGTTATCACTGTGTGATAGTCTGTGAGTC  
 TCCTCCTGTCTCACACTTTGGCCTCTATTTATTTCACTCTTTATTTGGGTCCCACCTTATGCCCTCGGT  
 TCCCTTTAGGTTCTGTTTATAAGCCCTTCTTTTTGCCCCAACTTGTATGTGAAAAAATTGTCTC  
 AATAAACCTTTGGAGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Ascl-NotI  
**ACCN:** NM\_133789  
**Insert Size:** 2283 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="#">BC080283</a> , <a href="#">AAH80283</a>
<b>RefSeq Size:</b>	3127 bp
<b>RefSeq ORF:</b>	2283 bp
<b>Locus ID:</b>	97387
<b>UniProt ID:</b>	<a href="#">P58404</a>
<b>Cytogenetics:</b>	7 A2
<b>Gene Summary:</b>	<p>Binds calmodulin in a calcium dependent manner. May function as scaffolding or signaling protein.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>