

Product datasheet for **MC221027**

Strn3 (NM_001172098) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Strn3 (NM_001172098) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Strn3
Synonyms:	Gs2na; SG2NA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221027 representing NM_001172098
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGAGCTGGCCGGAGGCGGGCGGCCAGGGATGGCAGCCCCTCCCGGCCGACGAGGGAC
 CCGGGGGGAACCTGAGCCTGCCCGGGAGCGAACGGAGCGCCGGCGGGGGGTCTCCGGCCGCCGA
 GGCGGGGGGCCCGGAGGCCGGAGCTGTCCCGGCCCAACAGTACACGATCCCGGGATCCTACAC
 TACATCCAGCACGAGTGGGCTCGCTTCGAGATGGAGCGGGCGCACTGGGAGGTGGAGCGGGCCGAGCTGC
 AGGCACGGATTGCATTTTACAAGGAGAAAGGAAAGGTCAGAGAATTTGAAGAAGGATTTAGTGAGAAG
 AATAAAGATGTTAGAGTATGCATTAACAAGAAAGGGCAAAGTATCACAAATTAATAATGGCACAGAA
 CTGAACCAAGGTGATTTGAAAATGCCACCTTTGAATCAGAGGAAACCAAGATGTGGAGGCTCCTCCAG
 CACCTCAGAATAGTCAACTAACATGGAAGCAAGGCAGACAGCTATTAAGACAGTATCTTCAGGAAGTAGG
 ATACACAGATACAATATTAGATGTACGATCTCAACGGGTAAAGTCACTTGGACTGTCTAATTCAGAG
 CCAATGGATCTGTAGAAGCAAAGAATTTAGAACAGATCTTGAATGGTGGTGAATCTCCTAAGCAAAAAG
 GACAAGAAATCAAAGGCCCCCTGGTGTATTTCTCGAGACATTCAATTTCTAGAAAATGCTGATGACAG
 TGATGAAGAAGAAAATGACATGATTGAGGGCATCCCAGAAGGAAAAGACAACTTCGGATCCATAAGCAC
 AAAATAGGTAATGAAGGTTTAGCTGCTGACTTAACTGATGATCCAGATACTGAGGAAGCACTGAAAGAAT
 TCGACTTTTTAGTGACTGCAGAAGATGGTGAAGGGGCTGGTGAAGCACGGAGTTCAGGGGATGGTACAGA
 ATGGGCTGAACCAATAACGTTTCCATCTGGAGGAGGCAAGTCATTTATTATGGGTTCTGATGATTTTTG
 TTAAGTGTACTGGGCCTTGGAGACCTTGCAGACTTGACGGTAACAATGATGCAGACTATAGTTATGATT
 TGCTGCCAATAAAGATGCCTTTGAAAAGACTTGAACCCCAAATACACACTACGTAGTCACTTTTGTATGG
 TGTGAGACATTAGCTTTTCATCCTGTAGAGCCTGTGCTCGTTACTGCCTCTGAGGACCACACCCTGAAA
 CTTTGAACCTGCAAAAGACAGTTCCTGCCAAAAGAGTGCCTCTTTAGATGTAGAACCTATCTACACAT
 TTAGGGCCACATTGGCCCTGTCTGTCTATTAGCTATTAGTTCTAATGGAGAACAGTGTTTTAGTGGTGG
 CATTGATGCAACCATTAGTGGTGAATATGCCTAGTCCCTAATGTGGATCCCTATGATACATATGAGTCA
 AACGTTCTAGCTGGCACTTTAGTTGCTCATACAGATGCAGTCTGGGGTCTTGCCTATAGTGGCATAAAAA
 ACCAATTACTCTTGTCTCAGCAGATGGCACTATTAGTTATGGAACCCACAAGAAAAGCTGCCATGTGT
 TTGCATTACAATGGAGACAAGGAACATGGAATACCTACATCAGTTGATTTTATAGGCTGTGATCCAGCC
 CATATGGTTACGTCTTCAACACTGGTAGTGCGGTAATTTATGATTTAGAAACATCACAGTCATTAGTGA
 TGCTTTCCTCACAGGTAGATTCTGGTTTACAATCTAGTAATCACATTAACAGAGTAGTAAGTACCCTAC
 ACTTCTGTTACAATAACTGCTCATGAAGACAGACACATCAAGTTTTTGAACAATAAACCGGTAATAATG
 ATCCATTCTATGGTAGCTCATTGGATGCTGTTACAAGTTTAGCAGTAGATCCCAATGGAATCTATTTGA
 TGTCTGGAAGCCATGACTGTTCCATTAGACTATGGAATTTGGACAGTAAGACATGTGTACAAGAAAATAAC
 AGCTCATAGGAAGAAATGGATGAGTCAATTTATGATGTTGCTTTCCATCCATCAAAGGCATATATCGCC
 AGTGCAGGAGCTGATGCTTGGCAAAGTATTTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001172098
Insert Size: 2139 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_001172098.1, NP_001165569.1</u>
RefSeq Size:	3912 bp
RefSeq ORF:	2139 bp
Locus ID:	94186
Cytogenetics:	12 B3
Gene Summary:	<p>Binds calmodulin in a calcium dependent manner. May function as scaffolding or signaling protein (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks two alternate in-frame exons in the central coding region, compared to variant 1. The resulting isoform (2) lacks an internal segment, compared to isoform 1.</p>