

## Product datasheet for **MR210615**

### Strn (NM\_011500) Mouse Tagged ORF Clone

#### Product data:

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



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ORF Nucleotide  
Sequence:

>MR210615 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGACGAGCAGGCGGGGCCGGCTCTTCTTCAGCAACAACCACCCGGGAGCTGGCGGTGCTAAGGGC  
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CAGCCTCCCGGGATCTTGCACCTCCTGCAGCAGCAATGGGCCCGCTTCGAGGTGGAGAGAGCCAGTGG  
GAGGTGGAGCGGGCGGAGCTGCAGGCTCAGATTGCTTTCTTCAGGGGGAGAGGAAAGGACAAGAAAATT  
TGAAGAAAGATCTTGTGAGGAGGATCAAAATGCTGGAATATGCTTTGAAGCAGGAAAGAGCCAAATACCA  
CAAGTTGAAATATGGGACAGAAGTGAATCAGGGAGACATGAAGCCTCCAAGCTATGACTCTGATGAAGGT  
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TCGGAAGAAATTTGAAGAATCGATCCACGATGTAGCGTTCCACCCCTTCCAATGCTATATAGCCAGCGCT  
GGAGCCGACGCCCTGGCTAAGGTCTTTGTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
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**Protein Sequence:**

>MR210615 protein sequence  
 Red=Cloning site Green=Tags(s)

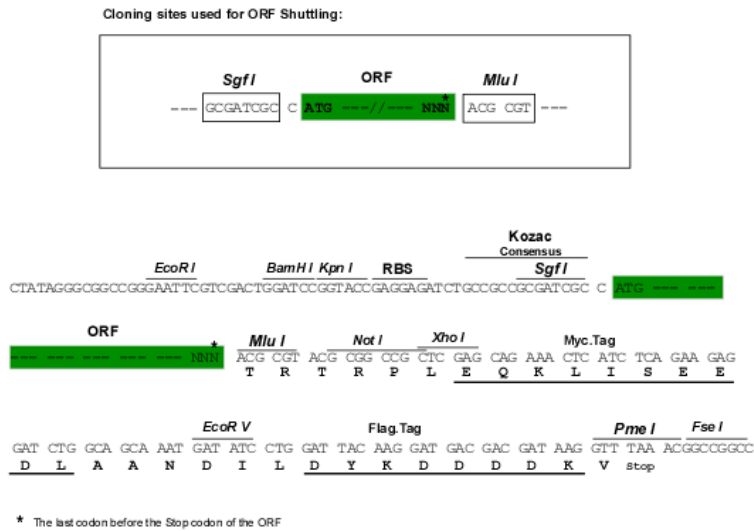
MDEQAGPGVFFSNNHPGAGGAKGLGPLAEAAAAGDGAAGAARAQYSLPGILHFLQHEWARFEVERAQW  
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 LRGPLLGHTDAVWGLAYSAAHQRLSCSADGTLRLWNTTEVAPALSVFNDNQELGIPASVDLVSSDPSHM  
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 SMVAHLEAVTSLAVDPNGLYLMSGSHDCSIRLWNLESKTCIQEFTAHRKKFEESIHDVAFHPSKCYIASA  
 GADALAKVFFV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

Cloning Scheme:



ACCN: NM\_011500

ORF Size: 2343 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:**

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:** [NM\\_011500.3](#)

**RefSeq Size:** 3965 bp

**RefSeq ORF:** 2343 bp

**Locus ID:** 268980

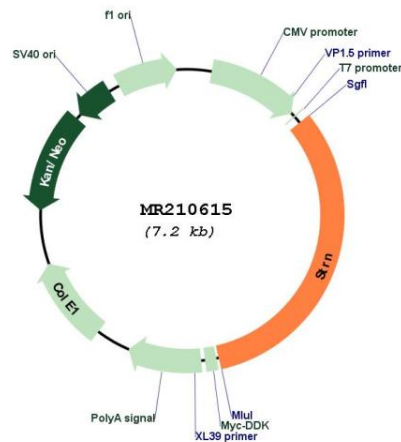
**UniProt ID:** [O55106](#)

**Cytogenetics:** 17 E3

**MW:** 86 kDa

**Gene Summary:** Binds calmodulin in a calcium dependent manner. May function as scaffolding or signaling protein.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR210615