

Product datasheet for **RN217170**

Strn4 (NM_001161809) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Strn4 (NM_001161809) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Strn4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217170 representing NM_001161809
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGGAGGAGCGAGCGGCCGCCGGTTCGCATCGGCCCTCTGCCCTCTGGGCTCGGGCACGG
 CTCCAACCCAACAGCCCGGCCCCAGCCTCCAGCCCTGCTCCTGGGCCAGGCCCGGTAGGTAAAGGAGG
 TGGCGCGGAGGAGCCCGGCCCCACGGCGGCCCGGAGCCCTCAGCCTGCCTGGCATCTGCACCTTT
 ATCCAACACGAGTGGGCACGCTTCAAGCCGAGAAGGCCCGCTGGGAGGCCGAGCGCGCCGAGTGCAGG
 CTCAGGTGGCTTCTCCAGGGCGAGAGAAAGGCCAAGAGAATCTAAAGACGGACCTGGTGCGGCGGAT
 CAAGATGCTGGAGTATGCACTGAAGCAAGAGAGGGCCAAATATCATAAACTGAAGTTTGGTACAGACCTG
 AATCAGGGGGAGAAGAAGGCAGATCTGTCAGAACAAGTCTCCAATGGCCCTGTAGAGTCTGTCACACTGG
 ACAACAGCCCATTTGGTGTGAAGGAGGGGCGACAGCTTCTGCGGCAGTACCTGGAAGAGGTGGGCTACAC
 AGATACCATCCTGGACATGCGGTCCAAGCGTGTGCGTTCCCTTCTGGGCCGTTCTCTGGAACCAATGGG
 GCTGGTGAAGCCTGTGAGGGGGCCCCAGGGCTTACCAGGCCCTGGGGGACTTAGCGGTGGCGAGTCTC
 TACTGGTGAACAGATCGAGGAACAGATCAAGAGGAACGCAGCTGGCAAAGATGGCAAGGAGCGCCTGGG
 CGGCTCGGTGCTGGAGCAGATACCCTTCTTGCAGAACTGCGAGGATGAAGACAGCGATGAGGATGACGAA
 CTGGACAGTGTGCAACATAAGAAGCAACGTGTGAGGCTCCCATCCAAGGCCCTAGTTCTGAAATGGAGG
 ACGAGGATGAAGAAGATGACTCAGAAGATGCCATCAATGAGTTTATTCTGGGCTCAGGAGAGGACGG
 AGAGGGGTCTCCAGACCTCGACGCTGTGCTTCAAGGGGAACCCCATGAGCTGGAAGCCGTGGGTC
 AAATCCAGGGAATTCTGTGACCTCCGGGATGTGGATGGGCTGCCCCAAAAGTACTGTCCCGCCTC
 CTGGCACACCCAGCCCGGCCCTCATGAAGACGCTTTCATCATGGACACTATCGGGGGCGGGGAGGTGAG
 CCTGGGGGACTTGGCAGATCTCACCGTACCAATGACAACGACCTCAGCTGTGATCTGTCTGACAGCAAA
 GACGCTTTCAGAAGACATGGAACCCCAAGTTTACTCTCCGCTCACACTACGATGGCATCCGTTCCCTGG
 CCTTCCACCACAGCCAGTCACTGCTTACTGCTCTGAGGATGGCACACTCAAATGTGGAACCTGCA
 GAAGGCAGTTACAGCCAAGAAAATGCTGCACTGGATGTGGAGCCAATCCATGCTTTCGGGCTCACAGG
 GGCCCTGTGCTGGCCGTACCATGGGCAGCAACAGCGAGTACTGTTACAGTGGTGGGGCTGATGCCAGAA
 TCCACAGCTGGAAGATTCCTGACCTCAACATGGACCCATATGATGGTTATGACCCAAGTGTGCTGAGCTG
 TGTCTGGAAGGCCATGGGGATGCCGTGTGGGTCTGGCCTTACGCCACCTCCACGCGCTAGCATCC
 TGCTCTGCCGATGGACCATCCGCATCTGGGATCCAGCAGCAGTGGTTCAAGCTGCCTCTGTACCTTCC
 CCATGGCTGGAGAACACGGGATCCACCTCAGTGGCCTTACCAGCACGGAACCTGCCACGTCGTGGC
 CTCTTTCGTTCTGGTGATACTGTTCTTATGACTTGAAGCTGGTGGGCCCTGCTCACATTGGAGTCC
 CGAGGGAGCAGTGGCCCAACACAGATCAACCAGGTGGTGAAGTACCCAAACCAGCCTCTCACCATCACTG
 CGCAGCAGCAGAGGGCATCCGGTTCCTGGACAATCGGACAGGTAATCCGTGCATTCCATGGTGGCCCA
 CCTGGACGCAGTCACTGCTAGCTGTGGACCCAAATGGCGTGTCTTGTATGTCAGGAAGCCATGACTGT
 TCTCTGCGTTTGTGGAGCCTAGACAATAAGACATGTGTGACAGGAGATCACGGCCACCGGAAGAAGCAGC
 AAGAGGCCATCCATGCGGTGGCCTGCCATCCAGCAAGGCACTCATTGCCAGTGTGGTGTGATGCCCT
 AGCCAAGGTCTTCGTATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001161809

Insert Size: 2259 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001161809.1</u> , <u>NP_001155281.1</u>
RefSeq Size:	3496 bp
RefSeq ORF:	2259 bp
Locus ID:	308392
Cytogenetics:	1q21