

Product datasheet for **RN212647**

Clstn3 (NM_134376) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clstn3 (NM_134376) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Clstn3
Synonyms:	Cs3; Cstn3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN212647 representing NM_134376

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGACCCTCTGCTGGTGTCCCTCTTGCTGGCCTCTCTGCTTCAGATCAGCTCTGGCAACAAAGCGAACA
AGCATAAGCCATGGATCGAGGCCGAGTACCAGGGCATCGTCATGGAGAATGACAACACGGTCCTGTTGAA
TCCGCCACTCTTTGCTTGGACAAAGATGCTCCGCTGCGCTATGCAGGTGAGATCTGTGGCTTCCGGCTC
CATGGGTCTGGGTACCTTTAAGGCTGTGATCCTGGACAAGGCAACAGGTGAAGGGCTGATCCGGGCCA
AGGAGCCTGTGGACTGCGAGGCCCAGAAGGAGCACACCTTTACCACCCAGGCTTATGACTGTGTAGATGG
GCCCGATGGTGCCAATACCAAGAAGTCTCACAAGGCGACCGTGTCATGTTGGGTCAACGATGTGAATGAG
TTTGCCCCAGTCTTTGTGGAGCGTCTTACCGTGTGCTGAGTACTGAGGGGAAGCTGTATGATCGCATCT
TACGTGTGGAAGCCATTGATGGTACTGCTCCCTCAGTACAGCCAGATCTGCTACTATGAGATCCTTAC
ACCAACACCCCTTTCTCATTGACAATGATGGCAACATTGAGAACACAGAGAAGTTACAGTACAGTGGT
GAGAAGCTCTATAAGTTCACAGTGACAGCATATGACTGTGGGAAGAAGCGAGCAGAGATGATGCTGAGG
TGGAAATCCAGGTGAAGCCACCTGCAAAACCCAGCTGGCAAGGCTGGAACAAAAGGATTGAATATGCCCC
AGGAGCGGGGAGCTTGGCTTTGTTCCCTGGCATCCGCCTGGAGACCTGTGATGAGCCACTGTGGAACATT
CAGGCCACCATAGAGCTGCAGACCAGCCATGTGGCCAAGGGCTGTGACCGAGACAACCTACTCAGAGAGGG
CTCTGCGGAAGCTCTGTGGTGTCTACTGGGGAGGTGGACCTGTTGCCCATGCCTGGCCCCAATGCCAA
CTGGACAGCGGGCTCTCGGTACACTACAGCCAGGACAGCAGCCTCATCTACTGGTTCAATGGCACACAA
GCTGTGCAAGTTCCCCTGGTGGTCCAGCAGGGCTGGGCTCTGGCCCGCAGGATGGCCTCAGTGACCACT
TTACCTGTCTTTCTGGATGAAGCATAGTGTACTCTAGCAAGGGGAAGAAGGAGGAGGAGACCATTTGT
ATGTAACACCATTACAGAACGAGGACGGCTACTCTCACTACTCATTGACTGTCCACGGCTGCAGAATCGCC
TTTCTCTACTGGCCGTTGCTTGAGAGTGACAGCCCGGTCAAGTTCCTCTGGAAGCTGGAGCAGGTATGTG
ACGATGAGTGGCATCACTACGCCCTGAACCTCGAGTTCACACAGTCACGCTCTATACTGATGGCATCTC
CTTCGACCCAGCTCTCATCCACGACAATGGTCTCATCCACCCACCCAGGAGGGAACCTGCGCTCATGATC
GGGGCCTGCTGGTCTGAAGAGAAGAACAAGAGAAGGAGAAGGGGGGAGAGAACGTACAGACACGACCT
CAGGAGACCCCTTGCCGATCCACCATTACTTCCATGGCTACCTAGCTGGTTTCAGCGTGCCTCAGGTG
CCTGGAGAGCCGTGAGGTATCGAGTGCCTCTATGCATGTGGGAGGGGTGGACTATAGGGATTTGAG
AGCCTGGGCAAGGCATGAAGGTGCACGTGAACCCCTCGCAGTCCCTGCTCACCTTGAGGGGGATGATG
TGAGAGACCTTCAACCATGCCCTGCAGCAGTGGCTTACATGAACACTCTGCGCTTTGCCACGCCCCGCGT
CAGGCCCTTCGCTCACCACCGCTGTCAAGTGCTTTAGTGAAGAGTCTGTGTCTCCATCCCTGAAGTG
GAGGGCTATGTGGTGGTTCTTCAGCCCGATGCCCCCAGATCCTTCTGAGTGGCAGAGCTCATTTTGCCC
GCCAGCTGTGGACTTTGAGGGACCCGAGGGAGTCCCCTTGTTCCCTGATCTTCAGATCACCTGTCCAT
TTCTCACCAGGTGGAGGCCAAAGCAGATGAGAGTTGGCAGGGCACAGTGACAGACACACGCATGTCAGAT
GAGATTGTACACAACCTGGACGGCTGTGAGATTTCTCTGGTGGGGATGACCTAGACCCTGAACGAGAGA
GCCTGCTCTTGGACATGGCTTCCCTGCAGCAGCGAGGCTGGAACCTACCAACAGATCTGCCTACCTCAC
CATTGCTGGGGTGGAGACCATCACTGTGTATGAAGAGATCCTGAGGCAGGCTCGTTATCAGCTTCGGCAT
GGAGTGCCTTTATGCCAGAAATCCGGCTTTCTTGCTCGGAGATGAACGGCCGATACTCCAGCAACG
AATTCTTGTGGAGGTCAACGCTCTGCACAGCATGAACCGGGTGGCCATCCCAGCCACGTGCTCAGTTC
ACAGCAGTTCTGCACCGGGGTACACAGCTCCTCCTGAGATGGCTGGACACAGCCTGGCCAGCTCCAC
CGAACTCCATGGTCCCCAGTGTGCGACTCTCATATTGTGGTATGCGTGGGCTTTCTGGTGCTTATGG
TCATCCTCGGCTCGTGGGATCCACTCCCTTCATCGCGTGTCTCAGGAAGTGGTGACCTCAGGGG
TTCCGCTGACCCGAAAGACCTGACCTCTCTGGGATGACTCTGCTCTACCATTTATCGTGAATCCCATG
GAGTCTACCAAGACAGCAGTGGTGTGGCAGGGGTGCTGGTGGCCAGCAAGAGGAAGAGGACAGCA
GTGATTCCGAAGCAGTGAATCCCCAGCAGCATGAAAGACGCATCATTGAGAGCCCCCACACCGCTA
TTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_134376
Insert Size:	2874 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:	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_134376.1, NP_599203.1</u>
RefSeq Size:	3019 bp
RefSeq ORF:	2874 bp
Locus ID:	171393
UniProt ID:	<u>Q8R553</u>
Cytogenetics:	4q42
Gene Summary:	postsynaptic membrane protein involved in excitatory synaptic transmission [RGD, Feb 2006]