

Product datasheet for **RN205108**

Ncstn (NM_174864) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ncstn (NM_174864) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ncstn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205108 representing NM_174864
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTACGGCTAGGGGCGGCTCTGGCCCTGACCCAGGAAGTCGGGGTCTCCTTCTCTGTCTTTTTCCG
 TGGTACTAGCAGGATTGTGTGGGGAAACTCAGTGGAGAGGAAGATCTACATTCCTTAAATAAAACAGC
 TCCTTGTGTCCGCCTGCTCAATGCCACTCATCAGATTGGCTGCCAGTCTTCAATTAGTGGGGATACAGGG
 GTTATCCACGTAGTGGAGAAAGAAGACGACCTGAAATGGGTATTGACGGATGGCCCAACCCCTTACA
 TGGTTCTGCTGGAGGGCAAGCTCTTTACCAGAGATATAATGAAAAAGCTGAAGGGGGAAACCAGTAGAAT
 CGCTGGTCTTGCCGTGACTCTAGCCAAGCCCAATTCAACGTCAAGCTTCTCTCCTAGCGTGCAGTGCCCA
 AATGATGGGTTTGGTATTTACTCCAACCTCTATGGGCCAGAGTTTGTCTACTGCAAAAAAACATTGTGGA
 ATGAACGGGCAATGGCTTGGCTTATGACGACTTCAGTTTCCCATCTTTCTTCTTGAAGATGAGAACGA
 AACCAAGTTCATCAAGCAGTGTATCAAGATCACAACTGGGTGAGAATGGCTCTGCACCGAGTTCCTCA
 CTGTGTGCTATGACGCTCTTCTCACACATGCACGCCGTATCAGCACCGCCACCTGCATGCGACGCACT
 TCATCCAGAGCACCTTACGATCAACCCAGAAATCGTCTGTGACCCCTTATCCGACTACAACGTATGGAG
 CATGCTTAAAGCCTATAAATACGCTCTGGGGGATTAGAACCTGATGTGAGGGTTGTGGTTGCAGCCACACGG
 CTGGATAGCCGGTCTTCTTCTGGAATGTGGCCCAAGGGCAGAAAGTCCGTTGGCTCCTTTGTCACTC
 AGCTGGCCGACGTGAAGCTTGGACAAGGCACCTGATGTGACCAACCTACCCCGAAATGTGATGTTTGT
 CTTCTCCAGGGGAAACTTTGACTACATTGGCAGCTCAAGGATGGTCTATGACATGGAGAACGGCAAG
 TTTCTGTGCGGCTAGAGAACATTGACTCCTTTGTGGAGCTGGGCAGGTGGCCCAAGGACGCTACTAG
 AACTCTGGATGCACACAGATCCTATGTCTCAGAAAAATGAATCTGTGAAGAACCAGGTGGAGGACTTCT
 GTCACTCTGGAGCAGAGTGGTGTCTGATACCCCTCAAGTTGTCTGAGCAGACTAGTCCAGTCCCAGGCC
 CTTCCACCATCATCTCTACAACGATTTCTCGGGCTCGAAACATCTCTGGTGTGGTCTTGGCTGACCACT
 CTGGTTCTTCCACAATCGGTATTACCAGAGCATTATGACACTGCTGAGAACATTAACGTGACCTATCC
 TGAGTCGAGAGCCAGAAAGAGGACCTCAACTTTGTAACAGACTGCCAAGGCACTGGCAGATGTTGCC
 ACAGTGTGACGAGCTTTGTACAAGCTTGCAGGAGGAACCAACTTCAACAACCTCATTAGGCTGATC
 CCCAGACAGTTACACGTCTGCTCTATGGGTTCTGGTCTAGAGCTAACAACTCATGGTTTTCAGTCTATCT
 CAGACATGATCTGAGTCTATTTGGATGATGGGCTCTTCAACTACATCGTGTCTCCAGCCCTACC
 AACACGACTTACGTTGTGACGATGCCTTGGCAAACCTGACTGGCAAGGTGACCAACCTCACCAAGAGC
 AGTGCCAGGATCCAAGTAAAGTCCCAAATGAAAGCAAGGATTTGTATGAATACTCGTGGGTACAAGGCC
 TTGGAATTCACAAGACAGAGCGGCTCCCACGGTGTGTGCGCTCCACAGTACGACTGGCTAGGGCCTTG
 TCCCCGCTTTGAGCTGAGTCACTGGAGCTCCACAGAATACTCTACGTGGGCCGAGAGCCGCTGGAAAAG
 ATATCCAAGCTCGGATATTCCTCATTGCCAGCAAAGAACTTGAGTTATCACGCTGATCGTGGGCTTCAG
 CATCTCGTCTTTCTCTCATCGTCACTTATTGTATCAACGCCAAGGCCGATGTCCTTTTCGTGCTCCC
 CGAGAGCCAGGAGCTGTGCTTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_174864

Insert Size: 2127 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_174864.3</u> , <u>NP_777353.1</u>
RefSeq Size:	2915 bp
RefSeq ORF:	2127 bp
Locus ID:	289231
UniProt ID:	<u>Q8CGU6</u>
Cytogenetics:	13q24
Gene Summary:	component of the gamma-secretase complex, which catalyzes the cleavage of amyloid precursor protein APP [RGD, Feb 2006]