

Product datasheet for **MR210183**

Ncstn (NM_021607) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ncstn (NM_021607) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ncstn
Synonyms:	9430068N19Rik; AA727311; Aph2; D1Dau13e; Kiaa0253; mKIAA0253; Nct
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>MR210183 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTACGACTAGGGCGGCTCTGGCCCTGACCCAGGAAGTCGGGGTCTTCTTCTGTCTTTTTCCG
 TGGTACTGGCAGGATTGTGTGGGGAACTCAGTGGAGAGGAAAATCTACATTCCTTAAATAAAACAGC
 TCCTTGTGTCCGCTGCTCAACGCCACTCATCAGATTGGCTGCCAGTCTTCAATTAGTGGGATACAGG
 GTTATCCACGTAGTGGAGAAAGAAGAAGACCTGAAGTGGGTGTTGACCGATGGCCCCAACCCCTTACA
 TGGTTCTGCTGGAGGGCAAGCTCTTACCAGAGATGTAATGGAGAAGCTGAAGGGAAACAACAGTAGAAT
 CGCTGGTCTTGCCGTGACTCTAGCCAAGCCAACTCAACTTCAAGCTTCTCCTAGTGTGCAGTGCCCA
 AATGATGGGTTTGGTATTTACTCCAACCTCTACGGCCAGAGTTTGTCTACTGCAAGAAAACACTGTGGA
 ATGAACGGGCAACGGCTTGGCTTATGAAGACTTTAGTTTCCCCATCTTCTTCTTGAAGATGAGAACGA
 AACCAAGTTCATCAAGCAGTGTATCAAGATCACAACTGGGTGAGAATGGCTCTGCACCAAGCTTCCCA
 TTGTGTGCTATGACGCTCTTCTCACACATGCACGCCGTATCAGCACTGCCACCTGCATGCGGGCAGCT
 TCATCCAGAGCACCTTACGATCAACCCAGAAATCGTCTGTGACCCCTTATCTGACTACAACGTATGGAG
 CATGCTTAAAGCCTATAAATACATCTGTGGGACTAGAACCTGACGTGAGGTTGTGGTTGCGGCCACACGG
 CTGGATAGCCGGTCTTTTTCTGGAATGTGGCCCCAGGGGCTGAAAGTGTGTAGCCTCCTTTGTCACTC
 AGCTGGCTGCAGCTGAAGCTTTGCACAAGGCACCTGATGTGACCACTCTATCCCGAAATGTGATGTTTGT
 CTTCTCCAGGGGAACTTTTACTACATTGGCAGCTCACGGATGGTCTATGATATGGAGAACGGCAAG
 TTTCCCGTGGCGCTCGAGAACATCGACTCCTTCGTGGAGCTGGGACAGGTGGCCTAAGAACTTCACTAG
 ATCTCTGGATGCACACAGATCCCATGTCTCAGAAAAATGAGTCTGTGAAAAACCAGTGGAGGATCTTCT
 GGCCACTCTGGAGAAGAGCGGTGCTGGTGTCCCTGAAAGTTGTCTGAGGAGACTGGCCAGTCCCAGGCC
 CTTCCACCTTCTCTCAACGATTTCTCGGGCTCGAAACATCTCTGGCGTGGTCTGCTGACCACT
 CTGGCTCCTTCCACAATCGGTATTACCAGAGCATTATGACACGGCTGAGAACATTAATGTGACCTATCC
 TGAGTGGCAGAGCCAGAAGAGGACCTCAACTTTGTGACAGACTGCCAAGGCACTGGCGAATGTGGCC
 ACAGTGTGGCGGTGACTGTATGAGCTTGCAGGAGGAACCAACTTACGAGCTCCATCCAGGCTGATC
 CCCAGACAGTTACAGTCTGCTCTATGGGTTCTGGTTAAAGCTAACAACTCATGGTTTTCAGTCGATCCT
 GAAACATGACCTAAGTCTATTTGGATGACAGGCCTCTTCAACTACATCGCCGTCTCCAGCCCTACC
 AACACGACTTACGTTGTGAGTACGCTTGGCAAACCTGACTGGCAAGGCGACCAACCTCACCCGAGAGC
 AGTGCCAGGATCCAAGTAAAGTCCCAAATGAGAGCAAGGATTTATGAATACTCGTGGGTACAAGGCC
 TTGGAATTCACAAGGACAGAGAGGCTCCACAGTGTGTGCGCTCCACAGTGCAGTGGCCAGGGCCTTG
 TCCCTGCCTTTGAACTGAGTCACTGGAGCTCCACAGAATACTCTACGTGGGCGGAGAGCCGCTGGAAA
 ACATCAAAGCTCGGATATTCCTAATTGCCAGCAAAGAGCTTGAGTTATCACGCTGATCGTGGGCTTCA
 CATCTTATCTTCTCTCATCGTCACTACTGCATCAATGCCAAAGCCGACGTCTTTTTGTGCTCCC
 CGAGAGCCAGGAGCTGTGCTTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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_021607.2](#), [NP_067620.2](#)

RefSeq Size: 2864 bp

RefSeq ORF: 2127 bp

Locus ID: 59287

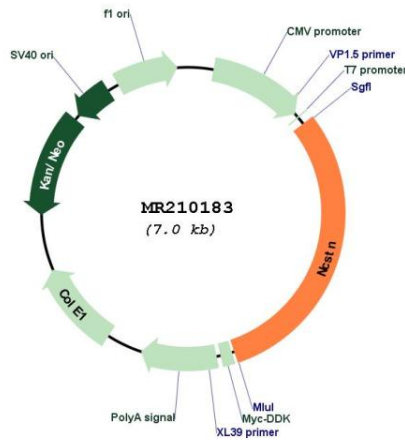
UniProt ID: [P57716](#)

Cytogenetics: 1 79.54 cM

MW: 78.5 kDa

Gene Summary: Essential subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral membrane proteins such as Notch receptors and APP (amyloid-beta precursor protein). The gamma-secretase complex plays a role in Notch and Wnt signaling cascades and regulation of downstream processes via its role in processing key regulatory proteins, and by regulating cytosolic CTNNB1 levels.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR210183