

Specifications:

Gene:	<i>mCnln5</i>
Accession:	NP_001164258.1
Insert size:	3310bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

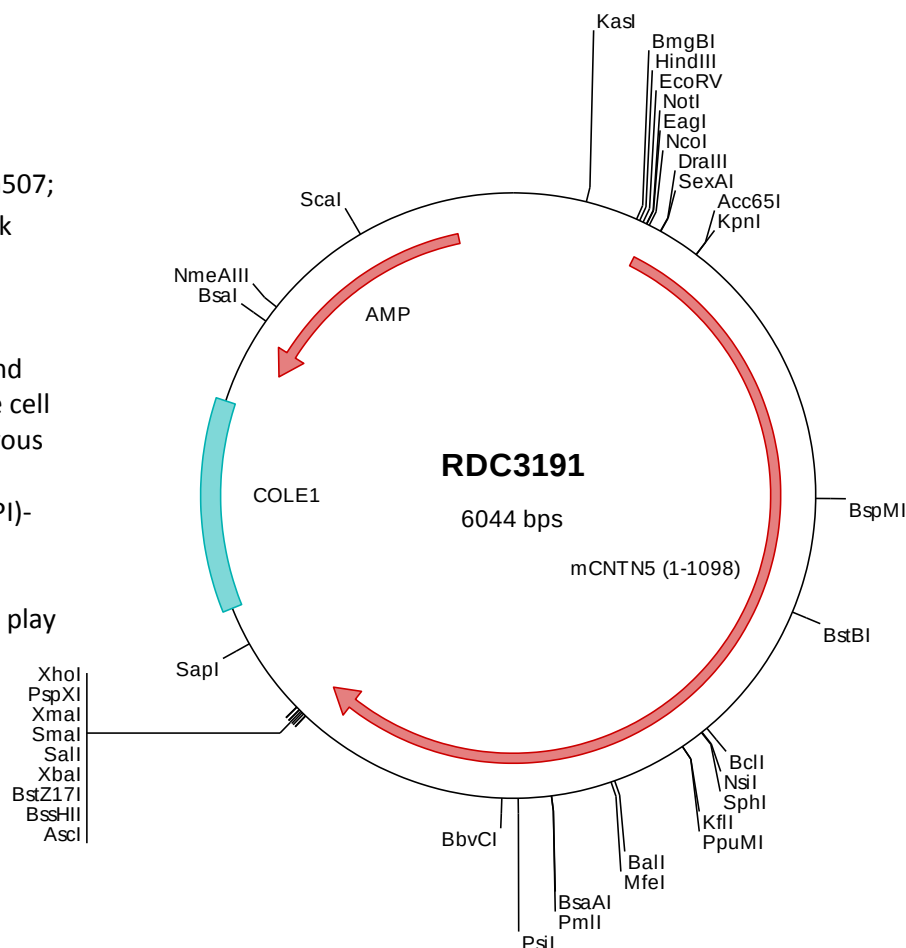
*m*Contactin-5 cDNA Plasmid

Cntn5 contactin 5 [*Mus musculus* (house mouse)]

Also known as: NB-; NB-2; Gm507; 6720426O10Rik; A830025P08Rik

Summary:

CNTN5 is a member of the immunoglobulin superfamily, and contactin family, which mediate cell surface interactions during nervous system development. It is a glycosylphosphatidylinositol (GPI)-anchored neuronal membrane protein that functions as a cell adhesion molecule. CNTN5 may play a role in the formation of axon connections in the developing nervous system.



> RDC3191 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgcccagct ggcgaaaagg ggaatgtctg caaggcgatt aagttgggta accgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgtaatt
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1801  gatgtgggga tgtatcagtg ttgtgtgagc aataaatatt gagctattta tgcgagtgtc tgcgagtgtc gagctgaaga ggcgcctctc ttcgaactga
1901  atcaagttaa gtaactcata attgttacca aagacccggg agtgcctata agtgcctgac agagtgcgac tccagggata cccagctctc ggaggaagg
2001  agacaaggca gtgaggcgga ataaaaaat agctattctt ccacagcgaa gcctgaggat ccttaaacgt cctaaagcac atgaggggaa gtacatttgc
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2201  ttggagagag cattgtctcc aactgttaaa atctgtacga ctatccacga cgcctgactt gcagctcact tctactggac attaaaagga caacctattg attttgaga
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2501  gcacagccac tctctcatgg agtcagcaca ctgcaaccca tagcccatc tagcccatc tagcccatc tagcccatc tagcccatc tagcccatc tagcccatc
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> RDC3191 Translated Insert Sequence

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201  rsavsvregq gvvlmcspdp hsepiisvsw fnefpfsvae dsrrfisqet gnllyiskvqt sdvgsyiclv knavtnarvl spptpltlrn dgmvmeyepk
301  ievhfptvtv aakgtttvkme cfalgnpvpt itwmkvngyi psksrlrksq avleiknqlq ddaigyecta ensrgknsfr sptptltnr dgmvmeyepk
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501  ecepggskpk aiswrkgdka vrankriail pdgslrilna skadegkyic qgvnifgsae iiaslsvkep trieltpkrt eltvtgesivl nckaihdasl
601  dvtfywtlkg qpifdekegg sadlmirnli lmhagrygcr pntfidsvsd gaeellvrgpp gppgvvieve itestatltg estvtgesivl spatdnhspl
701  ssynlgarsp fslgwqtvkt vpevitgdme samavdlnpw veyefrvvat npigtgdpsi psrmirtnea vpktaapnsvs grsgrrhelv iawepvseef
801  qngegfygiy afrpntgrgw kekmvtsseaa skfiyrdesv ppltptfevkv gvyvnnkgdgp fsqivvicca egeptaapt dvtatsvsvse ifvwwkhvke
901  slrgpdpfei sywkdteted svetvtrgrn esfvmlltgle gntlyhlvtv acatnttccc aynagagvgpp sreatsttkr hppreppgnl rweqggsqvs lwepvrpla
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