

Specifications:

Gene:	<i>h</i> NOTCH2NLA
Accession:	NP_982283
Insert size:	724bp
Concentration:	10µg at 0.2µg/µL

*h*NOTCH2NL cDNA Plasmid

NOTCH2NLA notch 2 N-terminal
like A [*Homo sapiens* (human)]

Also known as: N2N; NOTCH2NL

Summary:

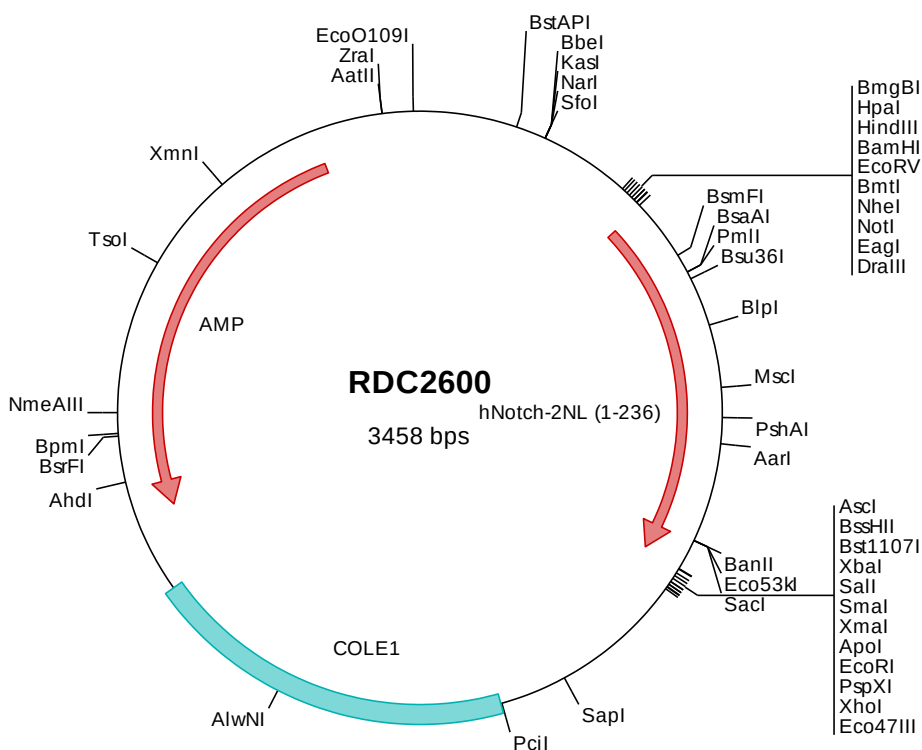
NT2NL belongs to the Notch family. It may function in the Notch signaling pathway and regulate neutrophil differentiation. It is widely expression with higher levels in leukocytes and lymph nodes.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2600 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggatgtgtcg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgtgtgtta cctaccacaa tggcacagga tactgcaaat gtccgaagg
501  cttcttgggg gaattattgtc aacatcgaga ccctgtgtag aagaaccgct gccagaatgg tgggacttgt gtggcccagg ccagtctggg gaaagccagg
601  tgccgatgtg cctcagggtt tacaggagag gactgccagt actcgacatc tcattccatgc tttgtgtctc gaccttgcc gaatggcggc acatgccata
701  tgctcagcgg ggatacctat gactgcacct gtcaagtcgtt gtttacaggt aaggagtgc aatggaccga tgcctgcctg tctcatccct gtgcaaatgg
801  aagtacctgt accactgtgg ccaaccagtt ctctgcataa tgcttcacag gcttcacagg gcagaagtgt gagactgatg tcaatgagtg tgacattcca
901  ggacactgcc agcatgtgtg cacctgcctc aaactgcctg gttcctacca gtgccagtgc cttcagggct tcacaggcca gtaactgtgac agcctgtatg
1001 tgccctgtgc accctgcctt tgtgtcaatg gaggcacctg toggcagact ggtgacttca cttttgagtg caactgcctt ccagaaaacag tgagaagagg
1101 aacagagctc tgggaaaagag acagggaagt ctggaatgga aaagaacacg atgagaatta aaggcgcgcc agtatactct agagtgcaca cccggggaat
1201  tcctcgagcg ctgcttctta gcttggcgta atcatgttca tagctgtttc ctgtgtgaaa ttgttatccg ctcaaatc cacaacaat acgagccgga
1301  agcataaagt gtaaaagcct ggtgccttaa tgagtgaagt aactcacatt aattgcgttg cgctcactgc ccgctttcca gtcgggaaac ctgtcgtgcc
1401  agctgcatta atgaatcggc caacgcgcgg ggagaggcgg tttgcgtatt ggccgctctt ccgcttctc gctcactgac tcgctgcgct cgttcgttcg
1501  gctgcggcga gcggtatcag ctcaactcaa ggcgtaata cgggtatcca cagaatcagg ggataacgca ggaaagaaca tgtgagcaaa aggccagcaa
1601  aaggccagga accgtaaaaa ggcgcggttg ctggcgtttt tccataggtc ccgcccccct gacgagcatc acaaaaaatcg acgctcaagt cagaggtggc
1701  gaaacccgac aggaactata agataccagg cgtttccccc tggaagctcc ctctgctcgt cctctgttcc gacctgcgg cttaccggat acctgtccgc
1801  ctttctccct tcgggaagcg tggcgctttc tcaatgtcca cgctgtaggt atctcagttc ggtgtaggtc gttcgtcca agctgggctg tgtgcacgaa
1901  cccccgctc agcccgaccg ctgcgcctta tcgggtaact atcgtcttga gtccaaaccg gtaagacacg acttatcgcc actggcagca gccactggta
2001  acaggattag cagagcgagg tatgtaggcg gtgctacaga gttcttgaag tgggtgccta actacggcta cactagaagg acagtatttg gtatctgcgc
2101  tctgctgaag ccagttacct tcggaaaaag agttggtagc tcttgatccg ggggctgac gctcagtggg agcggtgggt tttttgttg caagcagcag
2201  attacgcgca gaaaaaagg atctcaagaa gatcctttga tctttctac ggggctgac gctcagtggg acgaaaactc acgttaaagg attttgttca
2301  tgagattatc aaaaaggatc ttacactaga tccttttaaa ttaaaaaatga agttttaaat caatctaaag tatatatgag taaacttggt ctgacagtta
2401  ccaatgctta atcagtgagg cacctatctc agcgatctgt ctatttctgt catccatagt tgctgactc ccgctcgtgt agataactac gatacgggag
2501  ggcttaccat ctggcccccag tgcgtcaatg ataccgcgag acccacgctc accggctcca gatttatcag caataaaccg gccagccgga agggccgagc
2601  gcagaagtgg tcctgcgaact ttatccgcct ccatccagtc tattaattgt tgccgggaag ctagagtaag tagttcgcca gttaatagtt tgcgcaacgt
2701  tgttgccatt gctacaggca tcgtgtgttc acgctgcctc tttggtatgg ctccattcag ctccggttcc caacgatcaa ggccggttac atgatcccc
2801  atgttgtgca aaaaagcggt tagctccttc ggtcctccga tcgttgtcag aagtaagttg gccgcagtgt tatcactcat ggttatggca gcaatgcata
2901  attctcttac tgtcatgcca tcctgaagat gcttttctgt gactggtgag tactcaacca agtcattctg agaatagtgt atgcggcgac cgagttgctc
3001  ttgcccggcg tcaatacggg ataataccgc gccacatagc agaactttaa aagtgctcat cattggaaaa cgttcttcgg gccgaaaact ctcaaggatc
3101  ttaccgctgt tgagatccag ttcatgttaa cccactcgtg caccacaact atcttcagca tcttttactt tcaccagcgt tcttgggtga gcaaaaaacag
3201  gaaggcaaaa tgccgcaaaa aaggggaataa gggcgacacg gaaatgttga atactcatat tcttctcttt tcaatattat tgaagcattt atcagggtta
3301  ttgtctcatg agcggataca tatttgaatg tatttagaaa aataaacaata taggggttcc gcgcacattt ccccgaaaag tgccacctga cgtctaagaa
3401  accattatta tcatgacatt aacctataaa aataggcgta tcacgaggcc ctttcgtc

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> RDC2600 Translated Insert Sequence

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1   mcvtynhgtg yckcpegflg eycqhrdpce knrcqnggtc vaqamlgkat crcasgftge dcqystshpc fvsrplngg tchmlsrqty ectcqvgftg
101  kecqwtdacl shpcangstc ttvanqfsck cltgftggkc etdvnecdip ghcqhgggtcl nlpgsyqcqc lqgftggyed slyvpcapsp cvnngtcrqt
201  gdtffecncl petvrvtel werdrevwnq kehden

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