

Specifications:

Gene:	<i>hNID2</i>
Accession:	NP_031387.3
Insert size:	4141bp
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.

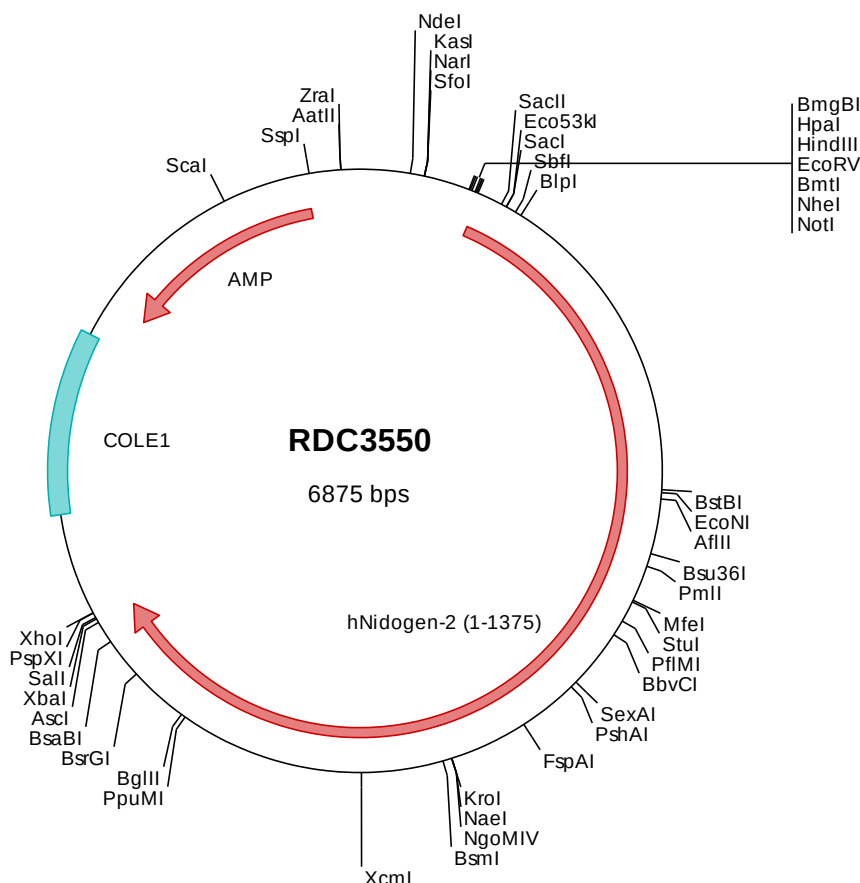
hNidogen-2 cDNA Plasmid

NID2 nidogen 2 [*Homo sapiens* (human)]

Also known as: NID-2

Summary:

NID2 is a member of the nidogen family of basement membrane proteins. NID2 is a cell-adhesion protein that binds collagens I and IV and laminin and may be involved in maintaining the structure of the basement membrane.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC3550 Plasmid DNA Sequence

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1   tcgcgcgcttt cgggtgatgac ggtgaaaacc tctgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccc
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201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgcccagct ggcgaaaagg ggaatgtctg caaggcgatt aagttgggta agccagggtt tttcccagtc acgacgttgt aaaacgacgg ccagtgtaatt
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> RDC3550 Translated Insert Sequence

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201  anglgflgtr pkesynvqlq lparvqfcrq eaddlksepg yfsldtsteqg vknlyqlsln gipgvwafhi gstspldnvr paavgdlslaa hssvplgrfs
301  shatalesdy neddldyydv neeeaaeylp epeealnphs sidvstfskq dtkpleesst ldphtkegts lgevggpdlk gqvepwderd hrsppapevd
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701  hqnityqvcr haprhpsfpt tqqlnvdrvf alyndeervl rfavtnqigp vkedsdptpg npcycdghmc dttarchpgt gvdytcecas gyqgdgrncv
801  denecatgfh rcgpnsvcin lpgsyrcecr sgyefaddrh tcilitppan pcedgshtca pagqarcvhh ggstfscac1 pgyagdghqc tdvdecse1
901  chpaatcynt pgsfscrcqp gyygdgfc1 pdstssltpc eqqqrhaq1 yaypgarfhi pqcdeqgnfl plqchg1tgf cwcvdpgdhe vpgtqtppgs
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