

## Specifications:

Gene:	mINHBC
Accession:	NP_034695.1
Insert size:	1072bp
Concentration:	10µg at 0.2µg/µL

## mInhibin-βC cDNA Plasmid

Inhbc inhibin beta-C [ *Mus musculus* (house mouse) ]

Also known as: IHBC

### Summary:

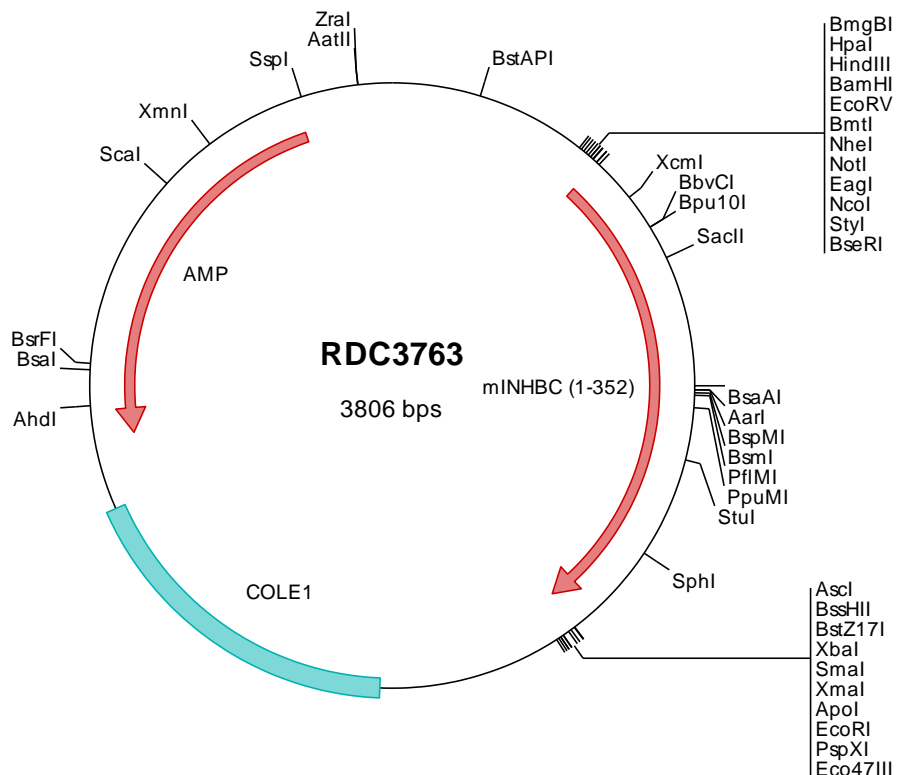
INHBC is a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. It is proteolytically processed to generate a subunit of homodimeric and heterodimeric activin complexes. The heterodimeric complex may function in the inhibition of activin A signaling. Transgenic mice overexpressing INHBC exhibit defects in testis, liver and prostate.

## 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.



> RDC3763 Plasmid DNA Sequence

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1 tcgctgcttt cggatgatgac ggtgaaaacc totgacacat gcagctcccg gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
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2401 ttggcctaac tacggctaca ctagaaggac agtatttggc atctgctctc tgctgaaagg agttacctt ccaaaaaagc ttggtagctc ttgactcggc
2501 aaacaaacca ccgctggtag cgggtgtttt tttgtttgca agcagcagat tacgcccaga aaaaaaggtat ctaagaaga tcctttgatc ttttctacgg
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3701 ggggttccgc gcacatttcc ccgaaaagtg ccacctgacg tctaagaaac cattattatc atgacattaa cctataaaaa taggcgtatc acgagccctc
3801 ttcgtc

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> RDC3763 Translated Insert Sequence

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1 masslllall fltpttvnp kteppcpacw gaifdlesqr ellldlakks ildklhlsqr pilsrpsvrg alktalqrlr pprretlleh dqrqeeeyei
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201 pesqvahssl ilgwfshrfp vaaqvrvegk hrvrrrgidc qgasrmccrq effvdfreig wndwiiqpeg yamnfctgqc plhvagmpgi sasfhtavl n
301 llkanaaaagt tgrgscvcp srplsilly drdsnivktd ipdmvveacg cs

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