

**Specifications:**

Gene:	<i>mInhbbe</i>
Accession:	NP_032408.2
Insert size:	1066bp
Concentration:	10µg at 0.2µg/µL

## mInhibin-βE cDNA Plasmid

**Inhbbe inhibin beta E [ *Mus musculus* (house mouse) ]**

**Summary:**

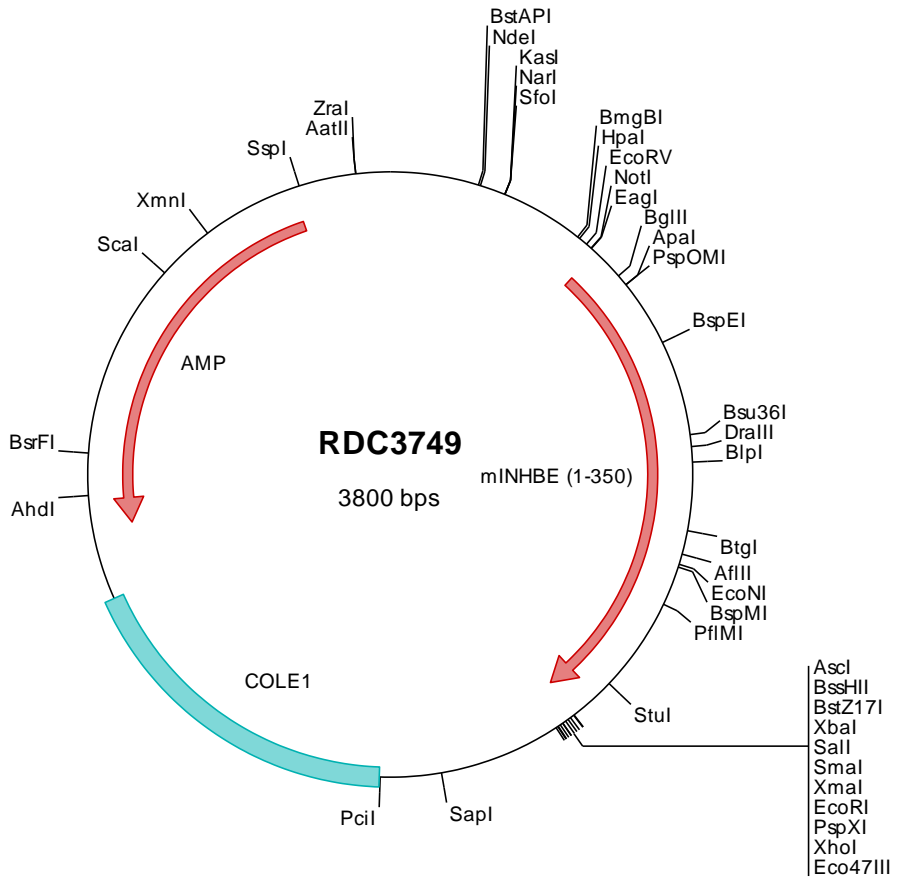
INHBE is a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. INHBE is proteolytically processed to generate an inhibin beta subunit. Inhibins have been implicated in regulating numerous cellular processes including cell proliferation, apoptosis, immune response and hormone secretion. INHBE may be upregulated under conditions of endoplasmic reticulum stress, and it may inhibit cellular proliferation and growth in pancreas and liver.

**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.



> RDC3749 Plasmid DNA Sequence

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1 tcgctgcttt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
101 tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
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> RDC3749 Translated Insert Sequence

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201 aaglprllld tagqrpfile lkiranepga grarrtptc epetplccrr dhyvdfqelg wrdwilqpeg yqlnycsgc pphlagspgi aasfhsavfs
301 llkannpwa gssccvptar rplsillydh ngnvktdivp dmveacgcs

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