

Specifications:

Gene:	mBDKRB1
Accession:	NP_031565
Insert size:	1018bp
Concentration:	10µg at 0.2µg/µL

mBDKRB1 cDNA Plasmid

**Bdkrb1 bradykinin receptor,
beta 1 [*Mus musculus*]**

Also known as: B1R; BKR1; B1BKR;
Bdkrb; BRADYB1

Summary:

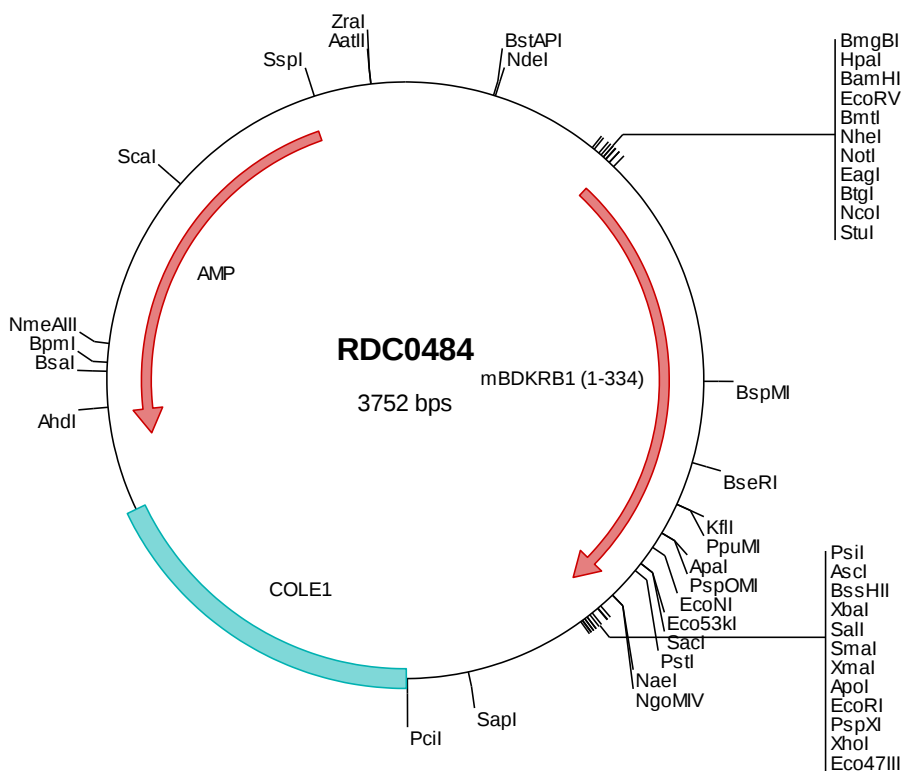
Kinins are released during dermal injury and inflammation and seem to contribute to the pathogenesis of cutaneous diseases. Bradykinin is generated in pathophysiologic conditions such as inflammation, trauma, burns, shock, and allergy. Two types of G protein-coupled receptors, BDKRB1 and BDKRB2, have been found which bind bradykinin and mediate responses to these pathophysiologic conditions. Kinin receptors seem to be involved in the control of the keratinocyte hyperproliferative process. Non-peptide kinin receptor antagonists may be useful tools in the treatment of hyperproliferative skin disorders. Several transcript variants encoding different isoforms have been reported.

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



> RDC0484 Plasmid DNA Sequence

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1   tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
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201  ccgcacagat gcgttaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaagggt ggaatgtctg caaggcgatt aagtgggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
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> RDC0484 Translated Insert Sequence

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201  pheawhfvrm velnvlglfl plaailyfnf hilaslrqgk easrtrecgp kdsktmglil tlvasflvcv apyhffafld flvqrvriqd cfwkeltldl
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