

Product datasheet for RN210880

Bdkrb2 (NM_173100) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bdkrb2 (NM_173100) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bdkrb2
Synonyms:	B2BKR; B2BRA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210880 representing NM_173100 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCACTGTTCTTGAAGCGACCCGTGCTCCTGTCCGTGCATGAGCCATGCCACCACAGCCTCTCTGG
GCATTGAAATGTTCAACATCACCACGCAAGCCCTGGGGTCTGCTCATAACGGGACCTTTTCAGAGGTCAA
CTGCCAGACACTGAGTGGTGGAGCTGGCTCAATGCCATCCAGGCCCCCTTCTCTGGGTCTCTCCTG
CTGGCCGCACTGGAGAACATCTTGTCTCAGCGTGTCTGTCTGCACAAAACCAACTGCACTGTGGCTG
AGATCTACCTGGGCAACCTGGCAGCCGCGGACCTCATCCTGGCCTGCGGATTACCCTTCTGGCCATCAC
CATCGCCAATAACTTCGACTGGCTGTTCCGAGAGGTGCTGTGCCGCGTGGTGAATACCATGATCTACATG
AACCTCTACAGCAGCATCTGCTTCTGTAGTGTGTGAGTATCGACCGATACCTGGCGCTGGTGAAGACCA
TGTCCATGGGCGGATGCGCGGGGTACGCTGGGCCAAACTGTACAGCCTGGTGTCTGGAGCTGTACGCT
GCTTCTGAGTTCACCCATGTTGGTGTTCAGGACCATGAAGGACTACAGGGAAGAGGGCCACAACGTCACG
GCCTGCGTCATTGTCTACCCGTCGCCCTCCTGGGAGGTGTTACCAACATGCTGCTGAACCTGGTGGGT
TCCTCTACCCCTGAGTATCATCACCTTCTGCACGGTGCAGTATCATGCAGGTGCTGAGGAACAACGAGAT
GAAGAAGTCAAGGAGGTCCAGACGGAGAAGAAGGCCACTGTGCTGGTGTGGCTGTCTCTGGGCTCTTT
GTGCTGTGTTGGTTTCTTTCCAGATCAGCACCTTCTGGACAGCTGCTGCGGCTGGCGTGTGCTGTCGG
GATGCTGGAACGAGCGTGCCTGGATATTGTACCCAGATCAGTTCTACGTGGCCTATAGCAACAGCTG
CCTCAACCCGCTGGTGTACGTGATTGTGGCAAGCGCTTCCGAAAGAAGTCCCGAGAGGTGTACCAGGCA
ATATGCCGGAAGGGAGGCTGCATGGGAGAGTCCGTCCAGATGGAGAACTCCATGGGGACTCTGAGGACCT
CTATCTCGGTGGACCGCAGATCCACAAGCTGCAGGATTGGGCGGGAACAAGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_173100
Insert Size:	1179 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_173100.2 , NP_775123.2
RefSeq Size:	3937 bp
RefSeq ORF:	1179 bp
Locus ID:	25245
UniProt ID:	P25023
Cytogenetics:	6q32
Gene Summary:	<p>binds bradykinin; mediates bradykinin induced chloride ion flux; plays a role in pain response [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (2) lacks an internal exon in the 5' region, compared to variant 1. The resulting isoform (2) is shorter and has a distinct N-terminus, compared to isoform 1.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>