

Product datasheet for RN216566

Bdkrb2 (NM_001270713) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bdkrb2 (NM_001270713) 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:	>RN216566 representing NM_001270713 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACACAAGGTCCTCCCTCTGCCGAAGACACAGGCTGTCGTGGAAGTGGCTATGTTCTGGGGACCAG
GCTGCCATCTCTCCACCTGCATTGAAATGTTCAACATCACCACGCAAGCCCTGGGGTCTGCTCATAACGG
GACCTTTTCAGAGGTCACTGCCAGACACTGAGTGGTGGAGCTGGCTCAATGCCATCCAGGCCCTTC
CTCTGGGTCTCTTCTGCTGGCCGCACTGGAGAACATCTTTGTCCTCAGCGTGTCTGTCTGCACAAAA
CCAAGTCACTGTGGCTGAGATCTACCTGGCAACCTGGCAGCCGCGGACCTCATCTGGCTGCGGATT
ACCTTCTGGGCCATCACCATCGCAATAACTTCGACTGGCTGTTTCGGAGAGGTGCTGTGCCGCGTGGTG
AATACCATGATCTACATGAACCTCTACAGCAGCATCTGCTTCTGATGCTTGTGAGTATCGACCGATAACC
TGGCGCTGGTGAAGACCATGTCCATGGGCCGGATGCGCGGGGTACGCTGGGCCAAACTGTACAGCCTGGT
GATCTGGAGCTGTACGCTGCTTCTGAGTTCACCCATGTTGGTGTTCAGGACCATGAAGGACTACAGGGAA
GAGGGCCACAACGTCACGGCCTGCGTCATTGTCTACCCGTCGCCGCTCCTGGGAGGTGTTACCAACATGC
TGCTGAACCTGGTGGGTTTCTCCTACCCCTGAGTATCATCACCTTCTGCACGGTGCGAATCATGCAGGT
GCTGAGGAACAACGAGATGAAGAAGTTCAAGGAGGTCCAGACGGAGAAGAAGCCACTGTGCTGGTGCTG
GGCTTGGCGTGCTGTCGGGATGCTGGAACGAGCGTGCCGTGGATATTGTACCCAGATCAGTTCTACGT
GGCCTATAGCAACAGCTGCCTCAACCCGCTGGTGTACGTGATTGTGGCAAGCGCTTCCGAAAGAAGTCC
CGAGAGGTGTACAGGCAATATGCCGGAAGGGAGGCTGCATGGGAGAGTCCGTCAGATGGAGAACTCCA
TGGGGACTCTGAGGACCTCTATCTCGGTGGACCGCAGATCCACAAGCTGCAGGATTGGCGGGGAACAA
GCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001270713
Insert Size:	1197 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001270713.1, NP_001257642.1</u>
RefSeq Size:	4111 bp
RefSeq ORF:	1197 bp
Locus ID:	25245
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 (1) encodes the longer isoform (1). 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>