

Product datasheet for **MG226848**

Bdkrb1 (NM_007539) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bdkrb1 (NM_007539) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Bdkrb1
Synonyms: B1BKR; B1R; Bdkrb; BKR1; BRADYB1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG226848 representing NM_007539
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCGTCCCAGGCCCTCGCTGAAGCTACAGCCTTCTAACCAAAGCCAGCAGGCCCTCCCAACATCACCT
 CCTGCGAGGGCGCCCGGAAGCCTGGGATCTGCTGTGTCGGGTGCTGCCAGGTTTGTCACTGTCTG
 TTTCTTTGGCCTCCTGGGAACCTTTAGTCTGTCTTCTTCTTTGCCTTGGCGACGATGGTGGCAG
 CAGCGCGGCAGCGCCTAACCATAGCAGAAATCTACCTGGCTAACTTGGCAGCTTCTGATCTGGTGT
 TGCTGGGCTGCCCTTCTGGGCAGAGAAGTTGGGAACCGTTTCACTGGCCCTTTGGAAGTGACCTCTG
 CCGGGTGGTCAGCGGGTCAATCAAGGCCAACCTGTTTCATCAGCATCTTCTGGTGGTGGCCATCAGTCAG
 GACCGCTACAGGTTGCTGGTATACCCCATGACCAGCTGGGGGAACCGCGGCGACGGCAAGCCAAAGTGA
 CCTGCCTGCTCATCTGGGTAGCTGGGGCCTCTTGAGCACCCACGTTCTTCTGCGTTCCGTCAAAGT
 CGTCCCTGATCTGAACATCTCTGCCTGCATCTGCTTTTCCCCACGAAGCTTGGCACTTTGTAAGGATG
 GTGGAGTTGAACGTTTGGGTTTCTCCTCCCATTGGCTGCCATCCTCTACTTCAACTTTACATCCTGG
 CCTCCCTGAGAGGACAGAAGGAGGCCAGCAGAACCCGGTGTGGGGACCCAAGGACAGCAAGACAATGGG
 GCTGATCTCACACTGGTAGCCTCCTTCTGGTCTGCTGGGCCCTTACCACTTCTTTGCCTTCTGGAT
 TTCTGGTCCAGGTGAGAGTGATCCAGGACTGCTTCTGGAAGGAGCTCACAGACTGGGCCCTGCAGCTGG
 CCAACTTCTTTGCTTTTGTCAACAGCTGCCTGAACCCACTGATTTATGTCTTTGCAGGCCGGCTCTTTAA
 GACCAGGTTCTGGAACTTTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG226848 representing NM_007539
 Red=Cloning site Green=Tags(s)

MASQASLKLQPSNQSQAPPNITSCEGAPEAWDLLCRVLPGFVITVCFGLLGNLLVLSFFLLPWRWWQ
 QRRQLTIAEIYLANLAASDLVFLGLPFWAENVGNRFNWPFGSDLCRVSVGVIKANLFIISIFLVVAISQ
 DRYRLLVYPMTSWGNNRRRQAQVTCLLIWVAGLLSTPTFLLRSVKVVPDLNISACILLFPHEAWHFVRM
 VELNVLGFLPLAAIILYFNFHILASLRGQKEASRTRCGGPKDSKTMGLILTLVASFLVCWAPYHFFAFLD
 FLVQVRVIQDCFWKELTDLGLQLANFFAFVNSCLNPLIYVFAGRLFKTRVLGTL

TRTRPLE - GFP Tag - V

Restriction Sites:

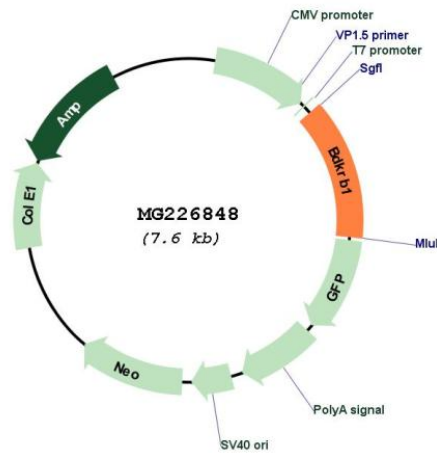
SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_007539

ORF Size: 1002 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_007539.3
RefSeq Size:	1338 bp
RefSeq ORF:	1005 bp
Locus ID:	12061
UniProt ID:	Q61125
Cytogenetics:	12 E
Gene Summary:	This is a receptor for bradykinin. Could be a factor in chronic pain and inflammation. [UniProtKB/Swiss-Prot Function]