

Product datasheet for **RN215276**

Kcnab2 (NM_017304) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcnab2 (NM_017304) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kcnab2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215276 representing NM_017304 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTATCCGGAATCAACCACGGGTCTCCAGCTCGACTCTCCCTGCGGCAGACAGGCTCCCCGGGATGA
TCTACAGTACTCGGTATGGGAGTCCAAAAGACAGCTCCAGTTTTACAGGAATCTGGGCAAATCTGGCCT
TCGGTCTCCTGCCTGGGCTTGAACATGGGTGACCTTCGGAGGCCAGATCACAGATGAGATGGCAGAG
CACCTAATGACCTTGGCCTATGACAATGGCATCAACCTGTTTCGATACGGCGGAGGTCTACGCAGCTGGCA
AGGCTGAAGTGGTATTAGGGAACATCATTAAAGAAGAAGGGTGGAGACGGTCCAGCCTTGTTCATCACCAC
CAAGATCTTCTGGGGCGAAAGGCAGAGACCGAGAGAGGCCTTCCCGGAAGCACATAATCGAAGGACTG
AAAGCTTCCCTGGAGAGGCTGCAGCTGGAGTACGTGGATGTGGTTTTTGGCAACCGCCAGACCCCAACA
CACCCATGGAAGAGACTGTGCGGGCCATGACCCATGTCATCAACCAAGGGATGGCCATGTACTGGGGCAC
ATCAGCTGGAGCTCCATGGAGATCATGGAGGCCACTCGGTGGCTCGGCAGTTCAACCTGATCCCGCCC
ATCTGCGAGCAAGCGGAATACCACATGTTCCAGAGGGAGAAGGTAGAGGTCCAGCTGCCAGAGCTGTTCC
ACAAGATAGGAGTAGGTGCCATGACCTGGTCCCCTCTGGCCTGCGGCATTGTCTCAGGGAAGTATGACAG
TGGCATCCACCCACTCCAGAGCCTCTCTGAAGGGCTACCAGTGGTTGAAGGACAAGATCCTGAGTGAG
GAGGGTCGCCCGCAGCAAGCCAAACTGAAGGAACTGCAGGCCATTGCAGAGCGCCTAGGCTGCACCCCTCC
CACAGCTGGCCATAGCCTGGTGCCTGAGGAACGAGGGCGTCAGCTCCGTGCTCCTGGGTGCTTCCAATGC
AGAACAACCTTATGGAGAACATTGGAGCAATACAGGTCTTCCAAAATTGTCGTCCTCCATCGTCCACGAG
ATCGACAGCATTCTGGGCAATAAACCTACAGCAAAAAGGACTATAGATCC**TAA**

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_017304
Insert Size:	1104 bp



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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_017304.2 , NP_059000.1
RefSeq Size:	1590 bp
RefSeq ORF:	1104 bp
Locus ID:	29738
UniProt ID:	P62483
Cytogenetics:	5q36
Gene Summary:	voltage gated potassium channel beta subunit; modifies the inactivation kinetics of the channel [RGD, Feb 2006]