

Product datasheet for RN211462

Kcnab3 (NM_031652) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kcnab3 (NM_031652) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kcnab3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211462 representing NM_031652 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAAGTGTCTATCGCGTGTACCGAGCAGAACCTTCGACGCCGAGCAGTGAGGACCGTCTCTGTGGAC
CCCGGCCGGTCTGGAGGCGGTAATGGAGGGCCAGTGGGCGGAGGCGATGGGAACCTCCGGGGGGTGG
AGGATTGGGCTCCAAGTACGGACTGCAGTGGTCCCCGACCCAGCACCTGCTGGGGCCCTTCGAGAG
AGCACCGCCGAGGCACTGGCATGAAATACAGGAACCTAGGAAAGTCTGGACTCCGGGTGTCTGTCTTG
GCCTCGGAACCTGGGTACATTTGGCTCTCAGATCTCAGATGAGACAGCAGAAGATCTCCTGACAGTAGC
CTATGAGCACGGTGTAAACCTGTTTGACACCGCTGAAGTGTACGCAGCAGGAAAGGCTGAAAGAACCCTA
GGCAACATCCTCAAGAGCAAAGTTGGAGGAGATCAAGCTATGTTATCACCACCAAGATTTTTGGGGAG
GACAGGCAGAACTGAGCGAGGCTTGAGTCGAAACACATCATTGAAGGCTTGAAGGATCCCTGGACCG
CCTCCAACCTGGAATACGTTGACATAGTATTTGCCAATCGTTCAGACCCAGCAGTCTATGGAGGAGATT
GTAAGAGCCATGACCTATGTCATCAACCAGGGCCTGGCCCTATACTGGGGGACATCCAGGTGGAGTGCTG
CAGAAATCATGGAGGCCACTCCATGGCCAGACAGTTCAATCTGATCCCTCCTGTGTGTAACAAGCGGA
GAACCACTTCTTTCAGAGGGAGAAGGTGGAGATGCAGCTGCCTGAGCTCTACCACAAAATTGGTGTGGC
TCAGTCACTTGGTCTCCCTGGCGTGCAGCCTCATTACTAGCAAGTACGATGGGCAAGTTCAGATGCTT
GCAAGGCCACTGTCAAGGGCTACCAAGTGGCTCAAAGAAAAAGTCAAAGTGAAGATGGCAAGAAGCAACA
AGCCAGAGTGACGGACCTTCTCCCCATCGCTCACCAGCTAGGCTGCACCGTGGCCCAACTTGCTATAGCC
TGGTGTCTCCGAAGCGAAGGTGTGAGCTCAGTTTTACTGGGGTGTCCAGTGCAGAGCAGCTGATGGAAC
ATCTGGGTCCCTACAGGTGTGGGTGAGTGCAGCCGCAACCGGTGATGGAAATAGATGCGCTCTTGGG
GAACAAATCGCATTCCAAGAAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

ACCN:	NM_031652
Insert Size:	1215 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_031652.1 , NP_113840.1
RefSeq Size:	2115 bp
RefSeq ORF:	1215 bp
Locus ID:	58981
UniProt ID:	Q63494
Cytogenetics:	10q24
Gene Summary:	beta subunit of voltage gated potassium channel; involved in altering the activation kinetics of channel Kv1.4 [RGD, Feb 2006]