

Product datasheet for **RN205580**

Prkab2 (NM_022627) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Prkab2 (NM_022627) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Prkab2
 Synonyms: MGC93432
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN205580 representing NM_022627
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGAAACACCACAGTGAGCGGGTGTCCGGGAGCGCCACGGTGCCAAGGCTGCTCGAGCTGAGGGTG
 GCGGCCATGGCCCGCAAGGAGCACAAGATCATGGTGGGAAGCACCGACCCAGCGTCTTCAGCCT
 GCCGGACTCCAAGCTCCCTGGGGACAAAGAGTTTGTACCCTGGCAGCAGGATTTGGATGATTCTGTGAAG
 CCCACCCAGCAGGCCCGCCTACTGTTATCCGCTGGTCTGAAGGGGGCAAGGAGTCTTCATCTCTGGGT
 CTTTCAACAATTGGAGCACCAAGATCCCTCTGATTAAGAGTCATAATGACTTCGTTGCCATCCTGGATCT
 TCCCGAGGGAGAGCACCAGTACAAGTCTTTGTGGATGGACAGTGGGTTTCATGATCCATCAGAGCCTGTG
 GTTACCAGTCAGCTTGGCACAATTAATAATTTGATCCATGTCAAGAAATCTGATTTTGAAGTATTTGATG
 CTTTAAAGTTAGATTCTATGAAAGCTCTGAGACATCATGTCGAGACCTGTCCAGCTCACCCCAAGGCC
 TTATGGTCAAGAAATGTATGTGTTTCGATCTGAGGAGAGATTCAAATCCCCACCCATCCTGCCCCCTCAC
 CTCCTCAAGTTATTCTTAACAAGGACACTAATATTTTCATGTGACCCAGCCTTACTTCTGAGCCCAATC
 ATGTTATGCTGAACCATCTCTATGCGCTGTCCACTAAGGACAGTGTGATGGTCTTAGCGCAACCCATCG
 CTACAAGAAGAAGTACGTACCACGCTGCTGTATAAGCCATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_022627
 Insert Size: 816 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_022627.2 , NP_072149.1
RefSeq Size:	1758 bp
RefSeq ORF:	816 bp
Locus ID:	64562
UniProt ID:	Q9QZH4
Cytogenetics:	2q34
Gene Summary:	a component of the AMPK alpha2beta2gamma1 complex which phosphorylates glycogen synthase [RGD, Feb 2006]