

Product datasheet for **RN204251**

Rbck1 (NM_021764) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbck1 (NM_021764) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rbck1
Synonyms:	HOIL-1; Pkcbpb15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204251 representing NM_021764
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACGAGAAGACCAAGAAAGCAGAGGAGATGGCCCTGAGCCTTGCCCGGGCAGTGACTGGCGGAGATG
AACAGGCTGCAATCAAGTATGCCACCTGGCTGGCAGAGCAGAAGGTACCCCTCAGGGTGCAGTAAACCC
CGAGGTTTCCCAACACAAGACATCAGGCTTTGTGTGAGTGTGGAAGATGCTTACATGCACACTGTCACC
ATTTGGCTCACAGTACGCCCTGATATGACAGTGGCCTCCCTTAAGGACATGGTATTCCTGGACTATGGCT
TTCCACCCAGCCTGCAGCAGTGGTGGTGGACAGAGGCTGGCACGAGACCAGGAGACCTTGCAATCACA
TGGCATTGCGAGGAATGGAGACAGTGTATCTCTACCTGCTGTCAGCCCGCAACACATCACTCAACCCCT
CAAGAGCTGCAGCGGCAGCGGCAGCTGCGCATGTTGGAAGATTTGGGCTTCAAGGACCTCACCTGCAGC
CACGGGGTCCCTTGAACCTGTCCTTCCAAGCCAGGACCCACCAGGAGACGGGGCAGCCAGATGCAGC
CCCAGAGTCAACCCGGTGGGCTGGCAGTGCCTGGCTGCAGTTCATCAACAAACCCACACGGCCTGGG
TGTGAGATGTGCTGCCGTGCAAGGCCTGAGGCCTACCAGATCCCTGCCTCGTACCAGCCTGATGAGGAGG
AGCGAGCACGCCCTGGCTGGTGGAGAGGAGGCGCTGCGCCAGTATGAGCAGCGAAACAGCAGCAGAGGA
GGGGAACCTACCTGCAGCACGTGCAGCTGGAGCAGAGGAGCCTGGTGTGAACACCGAACCTGCTGAGTGC
CCTGTGTGCTACTCAGTGTGCCACCCGGTGGGCGGTGGTGTGCTGCGTGAGTGTCTGCACACCTTCTGCA
GGGAGTGCCTGCAGGGTACCATCCGAAACAGCCAGGAGGCGGAGGTATCCTGCCCTTATTGACAACAC
CTACTCATGCCCTGGCAAGCTGCTGGAGAGGGAGATCCGGGCGCTCCTGTCCCCTGAGGACTACCAGCGT
TTCCCTGGACCTGGGTGTGTCATCGCAGAGAATCGAAGCACCTTGAGCTACCAGTCAAGACCCCGCTCACTG
GCAGGGCTGGTGTCTTTGAGGATGACGTCAACGAGTTCACCTGTCTGTGTCACCCGCGTCAACTG
TCTGCTCTGCAAGGCCATCCACGAGCGCATGAATTGCAGAGAGTACCAGGATGACCTGGCCATCGGGCT
CGGAATGATGTGCTGCCAGCAGACAACCTGAGATGCTGAGGGTATGCTGCAGCAAGGCGAGGCCATGT
ACTGCCACAGTCCGGATTGTGGTGCAGAAGAAGGATGGCTGTGACTGGATCCGCTGTACTGTCTGCCA
CACTGAGATCTGCTGGGTACCAAGGGTCCACGCTGGGGCCCTGGGGGCCAGGGGACACCAGTGGTGGC
TGCCGCTGCCGGGTCAATGGGATTCCATGCCATCCAAGCTGTCAAACCTGCCACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_021764

Insert Size: 1527 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:

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_021764.1](#), [NP_068532.2](#)

RefSeq Size: 2350 bp

RefSeq ORF: 1527 bp

Locus ID: 60383

UniProt ID: [Q62921](#)

Cytogenetics: 3q41

Gene Summary: PKC binding protein; may play a role in protein kinase C mediated signaling [RGD, Feb 2006]