

## Product datasheet for **RN217133**

### **Rbak (NM\_001191664) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rbak (NM_001191664) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rbak
Synonyms:	RGD1562875
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN217133 representing NM\_001191664  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCATATCAAAGGGCCCACTGTCATTCAAGGATGTGGCTGTGGCCTTCTCCCAGGAGGAGTGGCAGC  
 AGCTGGACTCTGAGGAGAGGACGACCTACCGGGATGTGATGCTGGAGACCTACAGCAACCTCGTCTCCGT  
 GGGGTATGATGTACCAAGCCAAACGTGATTATTAAGTTGGAACAGGGAGAAGAACCCTGGACAGTGGAA  
 GGTGACCGCCATGCTAAGAGGCATTTGGAAATCAAAAAAGTTGATGACCCAGAGAAGGAATCCAGGAAA  
 ATGGCGAGAAACATCTGCAGTGCAGTGTGATCTCCACAGCTGGAGAGCGGAGAAGGGGACGAGTTTGA  
 TGAAGCCTGCACCCTAGAACCACCCTCATTTCCCCAGCTCAGGCGCTCACAGCTGTGTCTCTGTGGG  
 AAGACTTTGGAATCTGTTACAGAACTGATTTGCAGTGTGGAAGCTATGCAGTAGAGAAGCCCGACAAGT  
 GTTTTGTGTTGGAAAGGTACAGAGAAAACCCTGAGGACCTTAACCAAAGTGAGGGTAACTCTTCTGA  
 ACGTGACGAAAGTATTCTGCAGAAAATCACCATTTTGGAGAAACCCTTTGACTATGAGTGCTTGGAAACC  
 TTAGACAGGGAAAAGTGTTCATGGCTCATGAGAGAGCTTACATGGGGGAGAAGCCCTATGAATGGAACG  
 GTTCTGGACCAGACTTCATCCAGATATCAGACTTCAGTACGTATCACAGATCACAAAGTGGAAATGAAGCC  
 CTTCAATGTACGCAGTGTGGAAAGTCTTCTGTAAGAAGTCAAATTCATCATCCATCAGAGAGCGCAC  
 ACAGGAGAGAAAACCGTATGCTTGCAGTGTGTGGAAAGTCCCTTAGTCAAAAGGGGACCCTCACTGTAC  
 ATCGGAGGTCACACTTAGAGGAGAAGCCCTATAAGTGGATGAGTGTGGGAAAGACCTTCTGTGAGAAAT  
 ACACCTCACACAGCACCAGAACTCACTCAGGAGAGAAGCCCTACGAATGTAGCGAGTGCAGGAAAGACC  
 TTCTGCCAGAAGACGCACCTTACTCTACACCAGAGGAATCATTACGGGGAGAGCCCTATCCGTGTAGTG  
 AATGCGGGAATCCTTCTCCCGAAGTCTGCCCTCAATGACCATCAGAGAACACACAGGAGAGAAGACAC  
 CTACACGTGTAACGAGTGTGGTAAGTCTACTACCGGAAGTCCACCCTCATCACGACCAGAGAACACAC  
 ACGGGGGAGAAGCCCTATCAGTGTAGTGTGGAAAGTCTTCTCTCGCGTGTGCTACCTCACCATAC  
 ACTATAGGAGCCATTTAGAAGAGAAACCTTATGAGTGTACAGAATGTGGGAAAACCTTCAATCTAAACTC  
 CGCCTTACCAGGCACCGGAAGGCCCATGCAGAAGAGAGAGTGCAGGAGTGCAGGAGTGCAGTGTGGAAAGCCG  
 TCCCGGCTGCAGTATCTCCCTGATCAGCTGATGGCTAGGAGAGAAGCACACCGGTGTAATGAGTGTG  
 GGAAGACCTTCTTGAAGTCAAGCTTCAAGCAGGACCCAGCCGTTCCCGAAGGGGAGAAAACCTACGA  
 GTGTAACATATGCGGGAAGGTGTTCTCTGACCTGTCGTGTACTGTGATTACAGAGGTCATTACAGAA  
 GAGAAACCTTTGGCTGCAGGAGTGTGGGAAAACCTTCTCTCATAATTCATCCCTTTCAGACATCAGA  
 GAGTACACACAGGCGAGAAGCCGTACGAGTGTACGAGTGTGGCAAGTCTTCTCGCAGAAGTCCCTACCT  
 CACTATCCATCACAGGATCCATTAGGAGAGAAGCCGTACGAGTGTAGCAAGTGTGGCAAAGTGTCTCT  
 CGGATGTGCAACCTCACCGTCCACTACCGAAGCCATTAGGAGAGAAGCCCTATGAATGTAATGAGTGTG  
 GAAAAGTCTTCTCCAGAAAGTGTACCTCACTGTTTATTACCGGACTCATTACAGGAGAGAAGCCCTATGA  
 ATGTAACGAATGTGGGAAAAAATTCACCACAGATCAGCCTTCAATAGCCATCAGAGAATTCATAAAGA  
 GGGACTATAAATGTACTTAATGTAGAAAATCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001191664  
**Insert Size:** 2136 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).

<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001191664.1</a></u> , <u><a href="#">NP_001178593.1</a></u>
<b>RefSeq Size:</b>	2924 bp
<b>RefSeq ORF:</b>	2136 bp
<b>Locus ID:</b>	288489
<b>Cytogenetics:</b>	12p11