

Product datasheet for **MC228742**

Rbak (NM_001045482) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbak (NM_001045482) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rbak
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC228742 representing NM_001045482
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCAGATCAAAGGGCCCACTGTCATTCAAGGATGTGGCTGTGGCCTTCTCCCAGGAGGAGTGGCAGC
 AGCTGGACCCCTGAGGAGAGGACCACATACAGGGATGTGATGCTGGAGACCTACAGCAACCTCGTCTCCGT
 GGGGTATGACGTTACCAAGCCAAACATGATTATTAAGTTGGAGCAGGGAGAAGAGCCCTGGACAGTGAA
 GGTGACCGCCATGCTCAGAGGCATTTGGAAATCAGTAAAGTTTATGACCCAGAGAAGGAATTGAGGAAA
 TTGGCGAGAAACATCTGCAGTGCATGATGATCCCTACTGCTGGAGAGCTGAGAAGGGGGCTGCTTTTGA
 TGAAGCCTACACCCTCGAAACAGCCCTCATTTCCCCAGCTCAGGTGCTCACAGCTGTGTCTCTGTGGG
 GAGACCCTGGAGTCTGTTTCAGAACTGATTAGCAGTGACGGAAGCTATGCACTGGAGAAGCCAGCATGT
 GTTTTGTGTTGGAAAGCATACGGAGAAAGCCTTGAAGACTTCAACCAAGATGAGGGTAACTCCTCTCA
 ACAGGATGAAAAATTTTGCAGAAAGTCACCATTTTGGAGAAACCCTTTGCTTATGAGTGCATGGAAGCC
 TTAGACAGTGAAGTGTTCATGGCTCGTGAGAGAGCTTACATGGGGGAGAAGCCCTATGACTGGGGAG
 ACTCTGGACCAGACTTCAATCCAGATGTCGGACTTCAGTACATATCCGAGATCACAAATGGAAGTGAAGCC
 CTTCGAATGTACACAGTGTGGAAAGTCTTCTGTAAGAAGTCAAATTCATCATCCACCAGAGAGCTCAC
 ACAGGAGAGAAGCCGTACGCTTGTAGTGTGTGGAAAGTCTTCAGTCAAAAGGGAACCCTCACTGTAC
 ATCGGAGATCGCACTTAGAGGAGAAGCCCTATAAGTGTAAAGTGTGAGTGTGGGAAAGACCTTTTGTGAGAAGTT
 ACACCTCACACAGCACCAGAGGACTCACTCAGGAGAGAAGCCCTATGAATGTAGCGAGTGCAGGAAAGTCC
 TTCTGCCAGAAGACACACCTCACTCTCCACCAGAGGAATCACTCAGGCGAGAGGCCCTACCCGTGTAATG
 AATGTGGGAAATCCTTCTCCCGGAAGTCTGCCCTCAATGACCATCAGAGGACACACACAGGAGAGAAGT
 CTATAAGTGTAAAGTGTGGAAATCCTACTACCGGAAGTCCACCCTCATTACACACCAGAGGACACAC
 ACAGGGGAGAAGCCCTATCAGTGTAGTGTGGGAAATTTCTTCTCGGGTGTGCTACCTCACCATAC
 ACTATCGGAGCCATTTAGAAGAGAAACCTTACGAGTGTACAGAATGTGGGAAACCTTCAATCTAAACTC
 TGCTTTCATTAGGCACTGGAAGGTCCATGCAGAAGAGAGAGTCCAGGAGTGTGGCGAGTGTGGGAAAGCCA
 TCCCCGCTGCAGTGTGCCCTGATCACACAGGCGACCTAGGAGAGAAGCGCTATGAGTGTAAAGTGTG
 GAAAGACCTTCTTGACAGCTCGGCCTCCATAGGCACCAGTCCGTCCCTGAAGGGGAGAAAACCTACGA
 GTGTAATATATGCGGAAAGTCTTCTCGGATTCGTCATGTACTGTGCACTACAGAGGTCATTCGGAA
 GAGAAGCCCTTCGGTGCAGTGAATGTGGGAAAGACCTTCTCTCAACTCATCCCTTTCAGACATCAA
 GGTCCACACCGCGAGAAGCCGTACGAGTGTACGAATGTGGGAAAGTCTTCTCTCAGAAGTCTGATCT
 CACTATCCATCACCGGATCCATTTCGGGAGAGAAGCCCTACGAGTGCAGCAAGTGTGGGAAAGTGTCTCG
 CGGATGTGCAACCTCACCGTACACTACCGAAGCCATTTCAGGAGAGAAGCCGTATGAGTGCACAGTGTG
 GAAAGTCTTTTCTCAGAAGTGTACCTCACCGTGCATTACCGGACTCATTTCAGGAGAGAAGCCCTTATGA
 ATGTAACGAATGTGGGAAAAAATTCACCACAGATCAGCCTTCAATAGCCATCAGAGAATTCATAAAGA
 GGCCTGTAATGTACTCACTGTAGAAAAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001045482

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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001045482.2</u> , <u>NP_001038947.1</u>
RefSeq Size:	3380 bp
RefSeq ORF:	2136 bp
Locus ID:	57782
UniProt ID:	<u>Q8BQC8</u>
Cytogenetics:	5 G2
Gene Summary:	<p>May repress E2F-dependent transcription. May promote AR-dependent transcription. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. All three variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>