

Product datasheet for **SC101627**

Retinoblastoma binding protein 6 (RBBP6) (BC029352) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Retinoblastoma binding protein 6 (RBBP6) (BC029352) Human Untagged Clone
Tag:	Tag Free
Symbol:	Retinoblastoma binding protein 6
Synonyms:	DKFZp686P0638; DKFZp761B2423; MY038; P2P-R; PACT; proliferation potential-related protein; RB-binding Q-protein 1; RBQ-1; retinoblastoma-binding protein 6; retinoblastoma-binding protein 6, isoform 3; retinoblastoma binding protein 6; SNAMA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC029352, the custom clone sequence may differ by one or more nucleotides

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ATGTCCTGTGTCATTATAAATTTTCTCTAAACTCAACTATGATACCGTCACCTTTGATGGGCTCCACA  
TCTCCCTCTGCGACTTAAGAAGCAGATTATGGGGAGAGAGAAGCTGAAAGCTGCCGACTGCGACCTGCA  
GATCACCAATGCGCAGACGAAAGAAGAATATACTGATGATAATGCTCTGATTCTAAGAATCTTTCTGTA  
ATTGTTAGAAGAATTCTATTGGAGGTGTTAAATCTACAAGCAAGACATATGTTATAAGTCGAACTGAAC  
CAGCGATGGCAACTACAAAAGCAGTATGTAAAAACACAATCTCACACTTTTTCTACACATTGCTTTTACC  
TTTATAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for BC029352 unedited
 GTTCACAATAGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGTAGACCCGC
 CGGGAGGTGCGGCTCGCGCTATGGACCCCTGACCCCGTGGGGTCGCTCGGACTCTTAACG
 TGTGGACTGACCGCTACTGACTGCACCGCAATCCCCCGTCTCTGCCGGCCCTTAGCA
 TGAGCGAGGGGGACCCAGCCGGGTGACATTGTGCCCGTTGGCGGATTCTCGATTTCCCCT
 CTTCCCGTCTCGTCTCCTCCTCCCCATGAAGTGATTCTGAGTATCGGGGGTCTCT
 GGATTATTGTTCTGACGAACCCCTGCTTGTGGTTGGGGGTATTTAATCTGAGGCCTTAG
 GGTCCTTCGGTGTCTTTGAGTGTTTTGTGTGTACATATTTTGTCTTAAAGTTTATAAAT
 ATACGTATATTGAGAGTGTCCACGTCTCCTCGTGAACCTTAGGAATCCCTTGGCACCAT
 GTCCTGTGTGCATTATAAATTTTCTCTAAACTCAACTATGATACCGACACCTTTGATGG
 GCTCCACATCTCCCTCTGCGACTTAAAGAACCAAAATTATGGGGAGAGAGAAGCTGAAAGC
 TGCCGACTGCGACCTGCAGATCACCAATGCGCAGACGAAAGAAGAATACTGATGATAA
 TGCTCTGATTCTAAGAATTTCTCTGTAATTGCTAGAAGAATTCCTATTGGACGTGTAA
 ATCTACAAGCAAGACATATGTTATAAGTGAAGTGAACCGAGGATGGCAACTACCAAAGC
 AGTATGTAAAACACAATCTCACACTGTTTCTACACATTGCTTTTACCTTTATGATGTAGC
 AGTGAAGTTAATCATTTTAGACTAATATCCAACCTGATCATAGTGCATATTGTACATAAA
 TGTTTTTGTATGACAGCTCAGNTGATATGGATAATAGTGGCACACCTGCC

3' Read Nucleotide Sequence:

>OriGene 3' read for BC029352 unedited
 CTTGGACCGCGCCGCTTTCTAGGATCGAGTTTTTTTTTTTTTTTTTACACTCCAAACAT
 TTTTTATTGCAAGAAACAAAAAGCACACAACAGCCTGTACATACATACAAAATACTAACT
 ATAGACAGACAAATGTAGAACATGTCATCATGTTCCCTAGTGTAAAACCTAAACGATCTA
 AAAAGGATCATACATTAAGTGTACAACACAGTGCATACAGGGATAATGCTATCATATTT
 AATATGAAACAGTGTACGGGCACAAATTACCCATTTCTACAAAATAAGTGTGCAAGTGA
 TGCCACATATTATCCATATTCAACTGAGCTGTCATCAAAATACATTTTATTACAATATG
 TACTATGATCAGTTGGATATTAAGTTCTAAAATGATTTACTTCACTGCTACATTATAAAG
 GTAAAAGCAATGTGTAGAAAAAGTGTGAGATTGTGTTTTTACATACTGCTTTTGTAGTTG
 CCATCGCTGGTTCAGTTCGACTTATAACATATGCTTGTGTTTAAACACCTCCAA
 TAAGAATTTCTTAACAATTACAGAAGAATTTAGGAAATCAGAGCATTATCTTCAGTA
 TATTCTTCTTCTGCTGCGCCTTGGTATCTGCAGGTCAGTCCGAGCTTTAAACTTT
 TTTCTCCCATAAATCCGTTCTCTTAGTCCCAGAGGGAGATTGTGGAACCCATCAAAGG
 GGAACGGATCCATAATTAATTTTAGAGGGAAAAATTTTAAATGGCCGACCGACAAGGGGG
 CCCAAGGGATTTCCCAAGTTTACCGAGGGAAAATGGGAACCCTTTTCAATATTACGTT
 ATTTTATTACACCTTACAAAACCAAAATTTTCCCCCACCAAAAACCCCGTAACCCCGG
 AGGGACCCCTAGGCCCTAATTAACCCCTTACCCCGAGC

Restriction Sites:

NotI-NotI

ACCN:

BC029352

Insert Size:

1200 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:	BC029352.1 , AAH29352.1
RefSeq Size:	871 bp
RefSeq ORF:	357 bp
Locus ID:	5930
Cytogenetics:	16p12.1
Protein Families:	Druggable Genome
Gene Summary:	<p>The retinoblastoma tumor suppressor (pRB) protein binds with many other proteins. In various human cancers, pRB suppresses cellular proliferation and is inactivated. Cell cycle-dependent phosphorylation regulates the activity of pRB. This gene encodes a protein which binds to underphosphorylated but not phosphorylated pRB. Multiple alternatively spliced transcript variants that encode different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p>