

Product datasheet for RN217556

Rbp3 (NM_001191832) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbp3 (NM_001191832) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rbp3
Synonyms:	lrpb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217556 representing NM_001191832 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATGAGAGAATGGTCTGGTTTTGTCCACACTGCTATGTGTTCTGGCTGGTCCCACGCACCTTTCC
AGCCAAGCCTGGTACTGGATATGGCCAAGTCTCCTGGATAACTACTGTTCCCGAGAACCTGATGGG
AATGCAAGCGCGATTGAGCAGGCTATGAAGATCATGAGATTCTGGGCATCTCGGACCTCAGACGCTG
GCCCATGTGCTGACAGTTGGAGTCCAGAGCTCTTTGAATGACCCACGTCTTTCATCTCCTATGAGCCCA
GTACCCTCGAGGCCCCAGCAAGCACCAGCACTCACCGACCTCACCCGAGAAGAGCTGTGGCCAGAT
ACAGAGGAACATCCGCCATGAGTTCTTGAGGATAACGTGGGCTACCTACGAGTGGATGATCTCCCTGGA
CAGGAGTACTGAGTGGCTGGGGAGTTCCTAGTGAGCCATGTGTGGAAGCAGCTCACGGGCACCTCCT
CCTTGGTCTAGATCTCCGTCACCTGTGCTGGTGGTGTCTCTGGGATCCCTTATGTCATCTCCTACTT
GCACCTGGGAACACAGTCTTGCACGTGGATACCATCTACGATCGGCCCTCCAACACCACCACAGAGATC
TGGACCTTGCCTAAGTCTGGGGAGAGATACAGTGCAGACAAGGATGTGGTGGTCTCACCAGTGGAC
ACACTGGGGGAGTAGCCGAGGACATCGTTACATCCTCAAGCAGATGCGCAGGGCCATCGTGGTGGTGA
GCGGACGGAAGGTGGCGCCTGGACCTCCAGAAGCTGAGAATAGTTCAGTCTGACTTCTTCTTACAGTG
CCTGTGTCCAGGTCCTGGGGCCCTAGGTGGAGCGGCCAAACATGGGAAGGCAGCGGGGTGCTGCCCT
GTGTGGGGATACCTGCAGAGCAAGCCCTAGAAAAGGCCCTGGCCATCCTCACCTGCGACGTGCCCTGCC
AGGCGTTGTCTCCGACTCCAGGAAGCCCTACAGGACTATTACACATTAGTGGACCGAGTCCCGGCCCTG
CTGCACCACCTGGCCAGCATGGACTACTCGGCCGTGGTCTCCGAAGAGGACCTGGTGACAAAGCTCAATG
CTGTTTTGCAGGCTGTGTCGGAGGATCCAGGCTCCTGGTGGAGCCACCGACCCAGAGAAACCCCTC
AAGACCTGAGACTGGCCCTAACGAGCCACCAGCAGTACCCTGAGGTGCCTAAGGAAGAAGATGCCCGG
AGGGCCCTAGTGGATTCCGTGTTTCAGGTGTCCGTGCTGCCGGGCAATGTGGGCTACCTGCGCTTTGACA
GATTTGCAGATGCTCTGTGCTGAAGACTGGGCCCTTATGTGCTGCGGCAGGTGTGGGAGCCCTGCA
GGACACAGAGCACCTCATCATGGACCTGCGTCAACCCCTGGGGGTCCGTCTCTGCCGTGCTCTGGTT
CTGTCTACTTTTCAGGTCGGAGGCTGGGCCCTACGGCTCTTACCACCTATGACCGTCGCACCAACA



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TCACCCAGGAGCATTTCAGCCACAAGGAGCTGCTAGGCCAACGATACGGCAACCGGCGTGGGGTGTACCT
 GCTTACTAGCCACAGGACTGCCACGGCTGCGGAAGAGTTTGCCTTCTCATGCAGTCGCTGAGCTGGGCC
 ACGCTGGTAGGGGAAATCACCGCGGCAGCCTGCTCCACACCTGCACGGTGCCACTGCTGGACTCGCCGG
 AGGGTGGCTGACGCTCACGGTACCCGTGCTAACTTTTATCGACAACCACGGTGAGGCCTGGCTAGGGGG
 TGGGGTGGTGCCTGACGCCATCGTGCTGGCTGAGGAAGCCTTAGAGAGAGCTCAGGAGGTGCTGGATTC
 CATCGCAGTCTGGGTGCCTTGGTAGAGGGCACCCGGTCGCTGCTGGAGGCTCACTATGCCCGCCGGAGA
 TCGCAGAGCAGGCCAGAGATCTCCTGCAGTCTAAGCTGGCCCAAGGAGCCTACCGCACGGCTGTGGACTT
 GGAGTCGCTGGCCTCACAGCTCACTGCTGACCTTCAGGAGGTGCTGAGGACCACCGTCTGTTGGTGTTT
 CACAGCCCCGGTGGTGGCGGAGGAGGTCCCCCTGCCGCCCTGCCATCCCGTCCCCAGAGGAAC
 TCTCTATCTCATAGAGGCCCTGTTCAAAAACAGACGTGCTGCCAGGCCATCTGGGCTACTTGCCTTTTGA
 CGCCATGGCTGAGCTGGAGACAGTAAAGGCCATTGGGCCAGCTAGTGGGCTGGTGTGCAGAGGCTG
 GTGGACACGGCTGCACTGGTGGTTGACCTGCGTACAATCCCGGCAGCTACTCCTCTGCCGTTCCGCTGC
 TCTGCTCTACTTTTTGAGGAAGAGCCCCGCCAGCACCTCTACTCCGTTTTTACAGGGCGACATCGAG
 GGTACAGAGATATGGACCTGCCGCTGGTTGCCGGTCAACGCTACGGCTCCCATAGGATCTCTACATC
 CTCATGAGCCATACCAGCGGCTCTGCAGCTGAGGCCTTTGCTCACACTATGCAGGATCTACAGCGGCCA
 CCGTCATAGGAGAGCCCACAGCTGGAGGGGCACCTCCGTGGGCATCTACCAGGTGGACAATAGCCCTT
 ATATGCCTCCATGCCCACTCAGATGGCCCTGAGTGCCACCACTGGTGAGGCCTGGGACTTGGCTGGTGTG
 GAACCCGACATCACTGTGCCATGAGCGAGGCCCTTTCCACAGCCAGGACATAGTGGCCCTGCGTGCCA
 AGGTGCCACAGTCTGCAGACAGCCGGGAAACTAGTGGCCGATAACTATGCGTCCCCTGAACTGGGAGC
 CAAGATGGCTGCCAAGCTCAGCGGTCTGCAGAGCCGATATGCAAGGGTGACTTCAGAAGGGGCTTGGCA
 GAGATGCTGGGGCGGACCTGCAAAATGCTCTGTTGGGACCCACACCTGAAGACGGCACACATCCCAGAAG
 ATGCCAAAAGACAGAAATTCCTGGAATTGTGCCATGCAGATCCCTCCCCAGAAGTCTTTGAGGACCTGAT
 CAAATTTTCTTCCACACAAATGTATTTGAGGACAACATTGGCTACCTGAGGTTGACATGTTTGGGGAT
 TGTGAGTACTTATCCAGGTCTCAGAGCTGCTGGTAGAACACATCTGGAAGAAGATCGTGACACTGATG
 CCCTCATCATCGACATGAGATTTAACATCGCGGCCCCACCTCCTCCATCTCAGCCCTGTCTCCTACTT
 CTTTGACGAGGCACCTCCGTTCTGCTGGACAAGATCTACAACCGGCCAACGACTCGATCAGCGAACTT
 TGGACACACTCGCAGCTCACAGGTGAACGATATGGCTCCAAGAAGAGTGTAGCCATCCTGACCAGCGGTG
 TGACAGCCGGCGCCGAGGAATTTACTTACATCATGAAGAGGCTGGCCGGCCCTGGTGGTGGTGA
 AGTGACAAGTGGAGGCTGCCAGCCACCACAGACCTACCACGTGGACGACACGCATCTCTATATCACCATC
 CCCACAGCTCGTCTGTGGCGCCACGGACGGCAGTTCCTGGGAAGGGTGGGTGTGACACCTAATGTAG
 TTGTCTTTCAGAATTGGCTCTTACCAGAGCCAAGGAGATACTCCAGCGGCCCTGAGGGCGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001191832
- Insert Size:** 3705 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:

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_001191832.1](#), [NP_001178761.1](#)

RefSeq Size: 3777 bp

RefSeq ORF: 3705 bp

Locus ID: 24711

Cytogenetics: 16p16

Gene Summary: may play a role in vision [RGD, Feb 2006]