

## Product datasheet for **RC205891A1V**

### Human RBP5 (NM\_031491) AAV Particle

#### Product data:

Product Type: AAV Particles  
Product Name: Human RBP5 (NM\_031491) AAV Particle  
Tag: Myc-DDK  
Symbol: RBP5  
Synonyms: CRBP-III; CRBP3; CRBP III; HRBPiso  
Mammalian Cell Selection: None  
Vector: pAAV-AC-Myc-DDK (PS100089)  
ORF Nucleotide Sequence: >RC205891 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCCTCCCAACCTCACTGGCTACTACCGCTTTGTCTCGCAGAAGAACATGGAGGACTACCTGCAAGCCC  
TAAACATCAGCTTGGCTGTGCGGAAGATCGCGCTGCTGCTGAAGCCGGACAAGGAGATCGAACACCGGG  
CAACCACATGACGGTGAGGACGCTCAGCACCTCCGAACTACACTGTGCAGTTTGATGTGGGAGTGAG  
TTTGAGGAGGACCTCAGGACGCTGGACGACGAGAAATGCCAGACCATAGTAACCTGGGAGGAGGAGCACC  
TGGTGTGTGTGCAGAAAGGGGAGGTCCCAACCGGGGCTGGAGACACTGGCTGGAGGAGAGATGCTGTA  
TCTGGAACGACTGCAAGGGATGCAGTGTGCGAGCAGGTCTTCAGGAAGGTCAGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC205891 protein sequence  
Red=Cloning site Green=Tags(s)

MPPNLTGYRFFVSQKNMEDYLQALNISLAVRKIALLLKPDKEIEHQGNHMTVRTLSTFRNYTVQFDVGVE  
FEEDLRSGVDGRKCQTIVTWEELHLCVQKGEVNPNGWRHWLEGEMLYLELTARDAVCEQVFRKVR

**TR**TRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species: Human  
Serotype: AAV-2  
ACCN: NM\_031491



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|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ORF Size:</b>     | 405 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Buffer:</b>       | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Stability:</b>    | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus. |
| <b>RefSeq:</b>       | <u>NM_031491.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq Size:</b>  | 968 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq ORF:</b>   | 408 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>     | 83758                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>   | <u>P82980</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b> | 12p13.31                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>MW:</b>           | 15.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |