

## Product datasheet for **RC210500A1V**

### Human FBXO2 (NM\_012168) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human FBXO2 (NM_012168) AAV Particle                              |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | FBXO2                                                             |
| Synonyms:                 | FBG1; Fbs1; FBX2; NFB42; OCP1                                     |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC210500 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGACGGAGACGGTGACCCAGAGAGCGTGGGCCAGCCGAGGAGGCAAGCCCGAGGAGCAGCCAGAGG  
AGGCGAGTGCTGAGGAGGAGCGGCCGGAGGACCAGCAGGAGGAGGAGCGGCCGCCGCCGCTACCT  
GGACGAGCTGCCGAGCCGCTGCTGCTGCGCGTGTGGCCGACTGCCGCCGCCGAGCTGGTGACGGCC  
TGCCGCCTGGTGTGCTGCGCTGGAAGGAGCTGGTGACGGCGCCCGCTGTGGCTGCTCAAGTGCCAGC  
AGGAGGGGCTGGTGCCCGAGGGCGCGTGGAGGAGGAGCGCACCAGTGGCAGCAGTTCTACTTCTCTGAG  
CAAGCGGCGCCGCAACCTTCTGCGTAACCCGTGTGGGAAGAGGACTTGAAGGCTGGTGACGTGGAG  
CATGGTGGGACGGCTGGAGGGTGGAGGAGCTGCCTGGAGACAGTGGGTGGAGTTCACCCACGATGAGA  
GCGTCAAGAAGTACTTCGCCTCCTCTTTGAGTGGTGTGCGAAAGCACAGGTATTGACCTGCAGGCTGA  
GGGCTACTGGGAGGAGCTGTGGACACGACTCAGCCGGCCATCGTGGTGAAGGACTGGTACTCGGGCCGC  
AGCGACGCTGGTTGCCTCTACGAGCTCACCGTTAAGCTACTGTCCGAGCACGAGAACGTGCTGGTGAGT  
TCAGCAGCGGGCAGGTGGCAGTGCCCAAGACAGTGACGGCGGGGGCTGGATGGAGATCTCCACACCTT  
CACCGACTACGGGCCGGCGTCCGCTTCGTCCGCTTCGAGCACGGGGGCGAGGACTCCGTCTACTGGAAG  
GGCTGGTTCGGGGCCCGGTGACCAACAGCAGCGTGTGGGTAGAACC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC210500 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MDGDGDPESVGQPEEASPEEQPEEASAEERPEDQEEEEAAAAAYLDELPEPLLLRVLAALPAAELVQA<br/> CRLVCLRWKELVDGAPLWLLKCQQEGLVPEGGVVEERDHWQFYFLSKRRRNLLRNPCGEEDLEGWCDVE<br/> HGGDGRVEELPGDSGVEFTHDESVKKYFASSFEWCRKAQVIDLQAEGYWEELDTTQPAIVVKDWYSGR<br/> SDAGCLYELTVKLLSEHENVLAEFSSGQVAVPQSDGGGWMEISHTFTDYGPGVRFVRFHGGQDSVYWK<br/> GWFGARVTNSSVWVEP</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>                          |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ACCN:             | NM_012168                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:         | 888 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer:           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Stability:        | 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. |
| RefSeq:           | <u>NM_012168.4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:      | 1724 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:       | 891 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:         | 26232                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:       | <u>Q9UK22</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics:     | 1p36.22                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MW:               | 33.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |