

## Product datasheet for **RC218265A1V**

### Human RAB3IP (NM\_175625) AAV Particle

#### Product data:

|                |                            |
|----------------|----------------------------|
| Product Type:  | AAV Particles              |
| Tag:           | Myc-DDK                    |
| Symbol:        | RAB3IP                     |
| Synonyms:      | RABIN3; RABIN8             |
| Mammalian Cell | None                       |
| Selection:     |                            |
| Vector:        | pAAV-AC-Myc-DDK (PS100089) |

**ORF Nucleotide Sequence:** >RC218265 representing NM\_175625  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGGGATTAAGAGTAAAGGGTTATCTTATGATGAGGCTTTTGCTATGGCTAATGATCCCTTGAAG  
GCTTCCATGAAGTAAACCTTGCTTACCTACTTCTCCGACCTTCTGGTGTATGAATCAGGAACCA  
AGAGCAGACTACCTCACCAAGTGTCATCTACCGGCCACACCTTCAGCTTTATCCTCTGTACCTATCCAG  
GCAATGCATTAGATGTTTCTGAACCTTCTACACAACCCGTGTATTCATCCCCAGACGTTTAAATTGTG  
CGGAAATATCTAGTATCAGCTTTTATGTTACAGACCCAGCCCTTGCTCTACCTCTGGAGTCACAGCTGG  
ATTAATAAATTAATAACAAGAAAGGACAATAATGCAGAGAGAGAGTTTTTACAGGGTGCTACTATA  
ACAGAGGCTTGCGATGGCAGTGATGATATTTTTGGGTTGAGTACTGATAGTCTGTCTCTGTTTACGAAGCC  
CATCTGTTTGGAAAGTTAGAGAAAAGGGCTATGAACGATTAAGAAAGAACTCGAAAAGCTCAGAGGGA  
ACTGAAGTTAAAGATGAAGAATGTGAGAGGCTTCAAAGTGCGAGATCAACTTGGACAGGAATTGGAA  
GAACTCACAGCTAGTCTATTTGAGGAAGCTCATAAAATGGTGAGAGAAGCAAAATCAAGCAGGCAACAG  
CAGAAAACAGCTAAAAGAAGCACAAGGAAAAATTGATGTACTTCAAGCTGAAGTAGCTGCATTGAAGAC  
ACTTGTATTGTCCAGTTCTCCAACTACCTACGAGGAGCCTTTGCCAGGTGGAAAGACACCTTTTAA  
AAGGGGCATACAAGAAATAAGCACAAGCAGTGCTATGAGTGGCAGTCATCAGGACCTCAGTGTGATAC  
AGCCAATTGTAAGAGCTGCAAGAGGCTGACTTATCCTTGATAATGAATCCGATTGTGGAAGGATGA  
GCCCAATGGACAGGAGCTGCTTTCTTAGACAAAATCTACCAGGAAGATATCTTTCCATGTTTAA  
TTCTCAAAAAGTGAGTTGGCTTCAGCTGTTCTGGAGGCTGTGGAACAATACTCTAAGCATTGAACAG  
TGGGATTACAACCTATCCGTTTGTGAAAGCTTCTGCAGTTGAATGCGGAGGACCAAAATCACTTCTGTA  
TGTAACTTTTTACATACATTGATACATTGAGCAGGACTCG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC218265 representing NM_175625</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MGLKKMKGLSYDEAFAMANDPLEGFHEVNLASPTSPDLLGVYESGTQEQTTSVSIYRPHPSALSSVPIQ<br/> ANALDVSELPTQPYYSSPRRLNCAEISSISFHVTDPA PCSTSGVTAGLTKLTTRKDNYNAREFLQGATI<br/> TEACDGSDDIFGLSTDLSRLRSPSVLEVREKGYERLKEELAKAQRELKLDDEECERLSKVRDQLGQELE<br/> ELTASLFEEAHKVMREANIKQATAEKQLKEAQGKIDVLQAEVAALKTLVLSSSPTSPTQEPLPGGKTPFK<br/> KGHTRNKSTSSAMSGSHQDL SVIQPIVKDCKEADLSLYNEFRLWKDEPTMDRTCPFLDKIYQEDIFPCLT<br/> FSKSELASAVLEAVENNTLSIEPVGLQPIRFVKASAVECGGPKSLLYVTFLHTFDTFSRDS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ACCN:</b>             | NM_175625                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ORF Size:</b>         | 1233 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_175625.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq Size:</b>      | 2047 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>       | 1236 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>         | 117177                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>       | <u>Q96QF0</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>     | 12q15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>MW:</b>               | 45 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |