

## Product datasheet for **RC210626A1V**

### Human HSPC142 (BABAM1) (NM\_001033549) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human HSPC142 (BABAM1) (NM_001033549) AAV Particle                |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | HSPC142                                                           |
| Synonyms:                 | C19orf62; HSPC142; MERIT40; NBA1                                  |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC210626 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGAAGTGGCAGAGCCAGCAGCCCCACTGAAGAGGAGGAGGAGGAAGAGGAGCACTCGGCAGAGCCTC  
GGCCCCGCACTCGCTCCAATCCTGAAGGGGCTGAGGACCGGCAGTAGGGGCACAGGCCAGCGTGGGCAG  
CCGCAGCGAGGGTGAGGGTGAGGCCGCCAGTGCTGATGATGGGAGCCTCAACACTTCAGGAGCCGGCCCT  
AAGTCTGGCAGGTGCCCCGCCAGCCCTGAGGTCAAATTCGACACCAAGGGTCAACTGTCCAGAGA  
AAGTGATTATCTGCCTGGACCTGTGAGAGGAAATGTCACTGCCAAAGCTGGAGTCGTTCAACGGCTCCAA  
AACCAACGCCCTCAATGTCTCCAGAAGATGATTGAGATGTTCTGTCGGACAAAACAAAGATCGACAAA  
AGCCACGAGTTTGCACTGGTGGTGGTGAACGATGACACGGCCTGGCTGTCTGGCCTGACCTCCGACCCCC  
GCGAGCTCTGTAGCTGCCTCTATGATCTGGAGACGGCCTCCTGTTCCACCTTCAATCTGGAAGGACTTTT  
CAGCCTCATCCAGCAGAAAAGTGAAGTTCGGTACAGAGAACGTGCAGACGATTCCCCCGCCATATGTG  
GTCCGCACCATCCTTGCTACAGCCGTCCACCTTGCCAGCCCCAGTTCTCCTTGACGGAGCCCATGAAGA  
AAATGTTCCAGTGCCCATATTTCTTCTTTGACGTTGTTTACATCCACAATGGCACTGAGGAGAAGGAGGA  
GGAGATGAGTTGGAAGGATATGTTTGCCTTCATGGGCAGCCTGGATACCAAGGGTACCAGCTACAAGTAT  
GAGGTGGCACTGGCTGGGCCAGCCCTGGAGTTGCACAAGTGCATGGCGAAACTGTTGGCCACCCCTGCG  
AGCGGCCCTTGCCAGAGCCATGCTTCCTACAGCCTGCTGGAGGAGGAGGATGAAGCCATTGAGGTTGAGGC  
CACTGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC210626 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEVAEPSSPTEEEEEEHSAEPRPRTSRNPEGAEDRAVGAQASVGSRSEGEAASADDGSLNTSGAGP<br/> KSWQVPPPAPEVQIRTPRVNCPKVIICLDLSEEMSLPKLESFNGSKTNALNVSQKMIEMFVRTKHKIDK<br/> SHEFALVVVNDTAWLSGLTSDPRELCCLYDLETASCSTFNLEGLFSLIQKTELPTENVQTIPPPYV<br/> VRTILVYSRPPCQPQFSLTEPMKKMFQCPYFFDVVYIHNGTEEEKKEEMSWKDMFAFMGSLDTKGTSYKY<br/> EVALAGPALELHNCMAKLLAHPLQRPCQSHASYSLLEEDEAIEVEATV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ACCN:</b>             | NM_001033549                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ORF Size:</b>         | 987 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><a href="#">NM_001033549.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>RefSeq Size:</b>      | 1505 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq ORF:</b>       | 990 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Locus ID:</b>         | 29086                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID:</b>       | <u><a href="#">Q9NWW8</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Cytogenetics:</b>     | 19p13.11                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>MW:</b>               | 36.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |