

## Product datasheet for **RC215886A1V**

### Human RSPH6A (NM\_030785) AAV Particle

#### Product data:

|                           |                                       |
|---------------------------|---------------------------------------|
| Product Type:             | AAV Particles                         |
| Product Name:             | Human RSPH6A (NM_030785) AAV Particle |
| Tag:                      | Myc-DDK                               |
| Symbol:                   | RSPH6A                                |
| Synonyms:                 | RSHL1; RSP4; RSP6; RSPH4B             |
| Mammalian Cell Selection: | None                                  |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)            |



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ORF Nucleotide Sequence:

```
>RC215886 representing NM_030785
Red=Cloning site Blue=ORF Green=Tags(s)
```

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

[illegible]

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC215886 representing NM_030785</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MGDLPPYPERPAQQPPGRRTSQASQRRHSRDQAQALAADPEERQQIPDAQRNAPGWSQRGSLSQQENLL<br/> MPQVFQAEEARLGMEYPSVNTGFPSEFQPPYSDSRMQVAELTTSMLQRLQQGSSLFQQLDPTFQE<br/> PPVNPGLQGFNLQYTDQFSEGAQHGPYIRDDPALQFLPSELGFPHYSAQVPEPEPELEAVQNAKAYLLQTS<br/> INCDSLSEYHLVNLLTKILNQRPEPDLVLESNRTTQWEWFHPKLDLTDDEMPQPTYKMAEKQKALFT<br/> RSGGGTEGEQEMEEVGETPVPNIMETAFYFEQAGVGLSSDESFRIFLAMKQLVEQQPIHTCRFWGKILG<br/> IKRSYLVAEVEFREGEEEAEEEEVEEMTEGGEVMEAHGEEEGEEDDEKAVDIVPKSVWKPPPVIKKEESR<br/> SGANKYLYFVCNEPGLPWTRLPHVTPAQIVNARKIKKFFTGYLDTPVVSYPFPGNEANYLRAQIARISA<br/> ATQVSPGLGFYQFSEEGDEEEGGAGRDSYEENPDFEGIPVLELVDSMANVWHHTQHILPQGRCTWVNPL<br/> QKTEEEEDLGEEEKADEGPVEVEQEVGPPLLTPLEDAEIMHLAPWTTTLSCSLCPQYSVAVVRSNLWP<br/> GAYAYASGKKFENIYIGWGHKYSPEFNPALPAPIQQEYPSGPEIMEMSDPTVEEEQALKAAQEALGAT<br/> EEEEEGEEEEGEETDD</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ACCN:             | NM_030785                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ORF Size:         | 2151 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Buffer:           | PBS with 0.001% Pluronic F7450                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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_030785.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RefSeq Size:      | 2477 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RefSeq ORF:       | 2154 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Locus ID:         | 81492                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt ID:       | <u>Q9H0K4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Cytogenetics:     | 19q13.32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MW:               | 80.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |