

## Product datasheet for **RC213114A1V**

### Human QRICH1 (NM\_017730) AAV Particle

#### Product data:

|                           |                                       |
|---------------------------|---------------------------------------|
| Product Type:             | AAV Particles                         |
| Product Name:             | Human QRICH1 (NM_017730) AAV Particle |
| Tag:                      | Myc-DDK                               |
| Symbol:                   | QRICH1                                |
| Synonyms:                 | AB-DIP; VERBRAS                       |
| Mammalian Cell Selection: | None                                  |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)            |



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## ORF Nucleotide Sequence:

>RC213114 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAATAATTCCCTAGAGAACACCATCTCCTTTGAAGAGTACATCCGAGTAAAGGCACGGTCTGTCCCGC  
AACACAGGATGAAGGAATTTCTGGACTCACTGGCCTCTAAGGGGCCAGAAGCCCTTCAGGAGTTCAGCA  
GACAGCCACCACTACCATGGTGTACCAACAGGGTGGAAGTGCATATACACAGACAGCACTGAAGTGGCT  
GGGTCTTTGCTTGAACCTGCCTGTCCAGTCAACACAGTGTTCAGCCACAAACCCAGCAAGAACAGCAGA  
TCCAGGTTTCAGCAGCCGAGCAGGTTCCAGTCCAGGTGCAGGTACAGCAGTCTCCGCAACAGGTCTCGGC  
TCAGCTCTCCCCACAACCTACCGTTTACCAGCCTACTGAGCAACCCATCCAGGTCCAGGTGCAGATCCAA  
GGCCAGGCACCACTCAGCAGCCCCCTCCATTAGACCCCGTCTCTGCAGAGTCCAGTCCCTCGCAGC  
TGCAAGCAGCTCAGATCCAGGTGCAGCAGTGAAGCAGCCAGCAGATCCAGGCTGCAGAAATCCCGGA  
GGAGCACATCCACATCAGCAAATCCAGGCTCAGCTGGTGGCTGGCCAGTCTCTTGCTGGTGGTGCAGCAG  
ATCCAAATCCAGACCGTGGGTGCCCTTTCCCCACCACCATCCAGCAGGGCTCACCCCGGAAGGGGAGC  
GGCGGGTTGGCACGGCCAGTGTCTCCAACCACTGAAGAAGCGCAAAGTGGACATGCCCATCACTGTGTCT  
CTACGCCATCTCAGGGCAGCCGGTGGCCACCGTGTGGCCATTCCACAGGGCCAGCAGCAGAGTTATGTG  
TCTTTGAGGCCAGACTTACTGACAGTAGACAGTGGCCACCTGTACAGTGGCACTGGGACCATTACTAGCC  
CTACAGGAGAAACCTGGACCATCCCTGTTTATTTCTGCCAGCCCCGGGGGAGCCCTCAGCAGCAGAGCAT  
TACCCACATTGCCATTCCCCAGGAAGCCTACAACGCAGTTCACGTCACTGGCTCACCCACAGCCCTGGCA  
GCTGTTAAGCTGGAGGATGACAAGGAGAAGATGGTGGGCACCATCTGTAGTAAAAAATCCCATGAAG  
AGGTAGTGCAGACCCTTGCAAATCTCTTTCCAGCAGTTCATGAATGGCAACATCCACATTCAGT  
GGCTGTGCAGGCTGTGGCAGGCACGTACCAAGATACGGCTCAAATGTCCATATATGGGACCCCAACAG  
CAGCCGCAGCAGCAAATCCCCAGGAACAGACACCACCAACAGCAGCAGCAGCAACTCCAAGTTA  
CTTGTTGAGCTCAAATGTCCAGGTTGTGAAGTTGAACCACAGTCACAGCCACAGCCTTCCCCAGAACT  
TCTGCTTCAAATTTCTTTGAAGCCAGAAGAAGGCTTGAAGTATGGAAAAATGGGCCAGACCAAGAAT  
GCTGAAGTAGAGAAGGATGCTCAGAACAGATTGGCACCCATTGGGAGGCGCAACTGCTGCGATTCCAGG  
AAGATCTCATCTCCTCTGCTGTGGCAGAGTTGAATTATGGGCTCTGTCTAATGACACGGGAAGCTCGAAA  
TGGAGAAGGTGAACCCTATGACCCAGATGTGCTCTACTATATTTTCTGTGTATTCAAAAGTATCTTTT  
GAAAATGGAAGGGTAGATGACATTTTCTCGATCTTTATTATGTTTCGGTTCACGGAGTGGCTACATGAAG  
TTCTGAAGGATGTTAGCCCCGGGTCACTCCACTTGGCTATGTCTTGCCAGCCACGTGACTGAGGAGAT  
GCTATGGGAGTGCAAGCAGCTTGGGGCTCACTCCCCCTCCACCTTGTGACCAACCTCATGTTCTTTAAT  
ACCAAGTACTTCTATTGAAGACAGTGGACCAGCAGATGAAGTGGCCTTCTCCAAGGTCTTGCGACAGA  
CAAAGAAGAACCCTCTAATCCCAAGGATAAAGCAGCAGATATCCGGTACTTGAAGGCCCTTGAATACA  
CCAGACTGGCCAGAAAGTTACAGATGACATGTATGCAGAACAGACGGAATCCAGAGAAATCCATTGAGA  
TGTCCCATCAAGCTCTATGATTTCTACCTCTTCAAATGCCCCAGAGTGTGAAAGGCCGAATGACACCT  
TTTACCTGACACCTGAGCCAGTGGTGGCCCCAACAGCCCAATCTGGTACTCAGTCCAGCCTATCAGCAG  
AGAGCAGATGGGACAAATGCTGACGCGGATCTGGTGATAAGAGAAATTCAGGAGGCCATCGCAGTGGCC  
AATGCAAGCACTATGCAC

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

[illegible]

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Species:      | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Serotype:     | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ACCN:         | NM_017730                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Size:     | 2328 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer:       | PBS with 0.001% Pluronic F6995                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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_017730.2, NP_060200.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RefSeq Size:  | 3331 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 2331 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 54870                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:   | <u>Q2TAL8</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 3p21.31                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MW:           | 86.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |