

## Product datasheet for **RC204815A1V**

### Human Hex (HHEX) (NM\_002729) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Human Hex (HHEX) (NM_002729) AAV Particle                                   |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | Hex                                                                         |
| Synonyms:                 | HEX; HMPH; HOX11L-PEN; PRH; PRHX                                            |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >RC204815 representing NM_002729<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCAGTACCCGCACCCCGGGCCGGCGGGCGGCCGTGGGGGTGCCGCTGTACGCGCCACGCCGCTGC  
TGCAACCCGCACCCGACGCCCTTTACATCGAGGACATCCTGGGCCGCGGGCCCGCCGCGCCACGCC  
CGCCCCACGCTGCCGTCCCCAACTCCTCTTACCAGCCTCGTGTCCCCCTACCGGACCCCGGTGTAC  
GAGCCACGCCGATCCATCCAGCCTTCTCGACCACTCCGCCGCCGCGCTGGCCGCTGCCTACGGACCCG  
GCGGCTTCGGGGGCCCTCTGTACCCCTTCCCGCGGACGGTGAACGACTACACGCACGCCCTGCTCCGCCA  
CGACCCCTGGGCAAACCTCTACTCTGGAGCCCTTCTTGAGAGGCTCTGCATAAAAGGAAAGGCGGC  
CAGGTGAGATTCTCAAACGACCAGACCATCGAGCTGGAGAAGAAATTCGAGACGCAGAAATATCTCTCTC  
CGCCCGAGAGGAAGCGTCTGGCCAAGATGCTGCAGCTCAGCGAGAGACAGGTCAAAACCTGGTTTCAGAA  
TCGACGCGCTAAATGGAGGAGACTAAAACAGGAGAACCCTCAAAGCAATAAAAAAGAAGAACTGGAAGT  
TTGGACAGTTCCTGTGATCAGAGGCAAGATTTGCCAGTGAACAGAATAAAGGTGCTTCTTTGGATAGCT  
CTCAATGTTCCGCCTCCCTGCCTCCAGGAAGACCTTGAATCAGAGATTCAGAGGATTCTGATCAGGA  
AGTGGACATTGAGGGCGATAAAAGCTATTTTAATGCTGGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC204815 representing NM_002729</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MQYPHPGPAAGAVGVPLYAPTPLLQPAHPTPFYIEDILGRGPAAPTPAPTLPSPNSSFTSLVSPYRTPVY<br/> EPTPIHPAF SHSAAALAAAYGPGGFGGPLYFPRTVNDYTHALLRHDPLGKPLLWSPFLQRPLHKRKGG<br/> QVRF SNDQTIELEKKFETQKYLSPPERKRLAKMLQLSERQVKTWFQNRRAKWRRLKQENPQSNKKEELES<br/> LDSSCDQRQDLPSEQNKGASLDSSQCSPPASQEDLESEISEDSDQEVDIEGDKSYFNAG</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>                                              |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>             | NM_002729                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>         | 810 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_002729.4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq Size:</b>      | 1772 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>       | 813 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Locus ID:</b>         | 3087                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>UniProt ID:</b>       | <u>Q03014</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b>     | 10q23.33                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>MW:</b>               | 29.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |