

## Product datasheet for **RC202146A1V**

### Human Kallikrein 6 (KLK6) (NM\_001012964) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human Kallikrein 6 (KLK6) (NM_001012964) AAV Particle             |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | Kallikrein 6                                                      |
| Synonyms:                 | Bssp; hK6; Klk7; PRSS9; PRSS18; SP59                              |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC202146 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGAAGAAGCTGATGGTGGTGTGAGTCTGATTGCTGCAGCCTGGGCAGAGGAGCAGAATAAGTTGGTGC  
ATGGCGGACCCTGCGACAAGACATCTCACCCCTACCAAGCTGCCCTCTACACCTCGGGCCACTTGCTCTG  
TGGTGGGGTCCCTATCCATCCACTGTGGGTCTCACAGCTGCCCACTGCAAAAAACCGAATCTTCAGGTC  
TTCCTGGGGAAGCATAACCTTCGGCAAAGGGAGAGTTCACAGGAGCAGAGTCTGTTGTCCGGGCTGTGA  
TCCACCCTGACTATGATGCCGCCAGCCATGACCAGGACATCATGCTGTTGCGCCTGGCAGCCAGCCAA  
ACTCTCTGAACATCATCCAGCCCTTCCCCTGGAGAGGGACTGCTCAGCCAACACCACGCTGCCACATC  
CTGGGCTGGGGCAAGACAGCAGATGGTATTCCCTGACACCATCCAGTGTGCATACATCCACCTGGTGT  
CCCGTGAGGAGTGTGAGCATGCCTACCCTGGCCAGATCACCCAGAACATGTTGTGTGCTGGGGATGAGAA  
GTACGGGAAGGATTCTGCCAGGGTATTCTGGGGTCCGCTGGTATGTGGAGACCACCTCCGAGGCCTT  
GTGTCATGGGGTAACATCCCCTGTGGATCAAAGGAGAAGCCAGGAGTCTACACCAACGTCTGCAGATACA  
CGAACTGGATCCAAAAACCATTCAGGCCAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC202146 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MKKLMVVL SLIAAAWAEQNKLVHGGPCDKTSHPYQAALYTSGHLLCGGVL IHPLWVLTAAHCKKPNLQV<br/>           FLGKHNL RQRESSQE QSSVVRV IHPDYDAASHDQDIMLLRLARPAKLS ELIQPLPLERDCSANTTSCHI<br/>           LGWGKTADGDFPDTIQ CAYIHLVSREECEHAYPGQITQNM L CAGDEKYGKDSCQGDSSGGLVCGDHLRGL<br/>           VSWGNI PCGSKEKPGVYTNVCRYTNWIQKTIQAK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>                                       |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ACCN:             | NM_001012964                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ORF Size:         | 732 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer:           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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_001012964.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| RefSeq Size:      | 1527 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:       | 735 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:         | 5653                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:       | <u>Q92876</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics:     | 19q13.41                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MW:               | 26.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |