

## Product datasheet for **MR209669A1V**

### Mouse Klhl13 (NM\_026167) AAV Particle

#### Product data:

|                           |                                                |
|---------------------------|------------------------------------------------|
| Product Type:             | AAV Particles                                  |
| Product Name:             | Mouse Klhl13 (NM_026167) AAV Particle          |
| Tag:                      | Myc-DDK                                        |
| Symbol:                   | Klhl13                                         |
| Synonyms:                 | 1200009K10Rik; AI451128; Bklhd2; D130072F20Rik |
| Mammalian Cell Selection: | None                                           |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                     |



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**ORF Nucleotide  
Sequence:**

>MR209669 representing NM\_026167  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGATATTCTTCACAGAGGAGAATTGGTTGCTGCAATACTCCGCAACCGATCACTTGTGGAAGAGGAAG  
 ACCAGCACTTGAACTGTGCCTTGGAAGTGAAATGGGCCTCTCTCCCATTTGCAGTCTTGCAAGGCAGG  
 AAGTACACGCATCTTTACCAGCAACAGCCACAGTTCTGTGGTGTACAGGGCTTTGACCAGCTTCGGCTT  
 GATGGATTGCTTTGTGATGTGACACTGATGCCAGGTGATACAGATGATGCTTACCCTGTGCACAGAGTCA  
 TGATGGCATCTGCTAGTGACTACTTCAAAGCTATGTTACAGGTGGAATGAAAGAACAAGAGCTGATGTG  
 CATTAAGCTTCATGGCGTGAGCAGAGTGGGTCTACGAAAATTATTGATTTCTATCTATACTGCAAAGCTT  
 TCTCTTAACATGGACACCCTTCAGGATACGCTGGAAGCCGCCAGCTTTCTTCAGATTCTTCGGTTTTAG  
 ACTTCTGCAAAGTGGTTCTCATATCTGGGGTCACTTTGGATAACTGTGTTGAAGTTGGACGGATTGCCAA  
 CACCTACCATCTGACAGAAGTGGATAAATATGTCAACAGCTTCGCTCTAAAGAATTTTGTGCTATTGCTG  
 AGCACTGGGGAGTTCTGAAGCTTCCCTTCGAGCGCCTTGCCTTTGTCTGTCCAGCAACAGCCTTAAGC  
 GCTGCACCGAACTTGACCTCTTCAAAGCTACCTGTGCTGGCTTCGCCTGGAAGAACCTAGAATGGACGT  
 TGCTGCAAACTAATGAAGAATATACGATTTCCGCTGATGACACCACAGGAGCTCATTAATTATGTGCAA  
 ACCGTGGATTTTCATGAGAACTGACAATACTTGCCTCAATTTGCTTCTGGAAGCCAGCAATTACCAATGA  
 TGCCGTTTATGCAGCCAGTTATGCAGTCAGACAGGACTGCCATTCCGCTGACACCACCTCGTTTGGTTAC  
 ACTCGGAGGAGTCTGAGACAGCAGCTTGTGCTCAGTAAAGAATTGCGCATGTATGATGAAAAGACCCAC  
 GAGTGGAAATCTCTAGCCCCATGGATGCCCAAGATACCAGCATGGCATTGCTGTCATCGGAAATTTTC  
 TCTACGTTGTTGGTGGCAGAGTAATTATGACACAAAAGGAAAAACCGCCGTCGATACAGTGTTTAGATT  
 TGATCCTCGATACAACAAATGGATCCAAGTTGCATCTTTAAATGAAAAGCGCACCTTCTTCCACCTAAGT  
 GCCCTCAAAGGATTTCTGTATGCAGTTGGTGGACGAAATGCAGCTGGAGAACTCCCTACTGTGGAATGTT  
 ACAATCCGAGAACAAATGAATGGACCTATGTTGCCAAATGAATGAACCTCACTATGGCCATGCTGGAAC  
 TGTGTATGGAGGAGTGATGTATTTTACAGGAGGAATTACCCATGACACTTTCCAAAAGGAGCTCATGTGC  
 TTCGACCCTGATACTGACAAATGGACCCAGAAGGCACCGATGACCACTGTCCGAGGCCTACACTGCATGT  
 GTACGGTGGGAGATAGGCTCTACGTCATTGGTGGCAACCATTTCGAGGAACCAAGTATTATGATGATGT  
 CCTGAGCTGTGAATACTACTCACCTATCCTTGACCACTGGACCCCAATTGCTTCCATGTTAAGAGGGCAG  
 AGTGATGTTGGGGTCGCTGTCTTTGAGAATAAAATCTATGTGGTTGGTGGCTATTCATGGAATAATCGCT  
 GTATGGTAGAGATAGTGCAGAAATATGATCCAGAGAAAAATGAATGGCATAAGGTTTTTCGATCTGCCAGA  
 GTCTCTTGGTGTATTTCAGCTTGTACACTTACAGTTTATCCACCTGAAGAAGCCACACCATCACCTTCT  
 AGAGAGTCCCCTCTTTCTGGACCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR209669 representing NM_026167<br/> <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MDILHRGELVAAILRNRLVEEEDQHLKLCLGSEMGSSHLQSCKAGSTRIFTSNSHSSVVLQGFDQLRL<br/> DGLLCDVTLMPGDTPDAYPVHRVMMASDYFKAMFTGGMKEQELMCIKLHGVSRLRKIIDFIYTAKL<br/> SLNMDTLQDTLEAASFLQILPVLDLFCCKVFLISGVTLDNCVEVGRIANTYHLTEVDKYVNSFVLKNFAALL<br/> STGEFLKLPFERLAFVLSNSLKRCTELDLFKATCRWLRLLEPRMDVAAKLMKNIRFPLMTPQELINYVQ<br/> TVDFMRTDNTCVNLLLEASNYQMPPMQPVMQSDRTAIRSDTTTLVTLGGVLRQQLVVSKELRMYDEKTH<br/> EWKSLAPMDAPRYQHGIQVIGNFYVVGGSNYDTKGKTAVDTVFRDPRYNKWIQVASLNEKRTFFHLS<br/> ALKGFLYAVGGRNAAGELPTVECYNPRTNEWYVAKMNEPHYGHAGTVYGGVMIYSGGITHDTFQKELMC<br/> FDPDTDKWTQKAPMTTVRGLHCMCTVGDRLYVIGGNHFRGTSYDDVLSCEYYSPILDQWTPIASMLRGQ<br/> SDVGVAVFENKIYVVGYSWNNRCMVEIVQKYDPEKNEWHKVFDLPESLGGIRACTLTVYPPEEATPSPS<br/> RESPLSGP</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span></p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ACCN:</b>             | NM_026167                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ORF Size:</b>         | 1914 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Buffer:</b>           | PBS with 0.001% Pluronic F771                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <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_026167.4, NP_080443.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq Size:</b>      | 3222 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq ORF:</b>       | 1917 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Locus ID:</b>         | 67455                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>UniProt ID:</b>       | <u>Q80TF4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Cytogenetics:</b>     | X A2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>MW:</b>               | 72.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |