

## Product datasheet for **RC223935A1V**

### Human Kallikrein 2 (KLK2) (NM\_001002231) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Kallikrein 2 (KLK2) (NM\_001002231) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Kallikrein 2  
**Synonyms:** hGK-1; hK2; KLK2A2  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC223935 representing NM\_001002231  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTGGGACCTGGTTCTCTCCATCGCCTTGCTGTGGGGTGCCTGGTGGCCGTGCCCTCATCCAGTCTC  
GGATTGTGGGAGGCTGGGAGTGTGAGAAGCATTCCAACCCTGGCAGGTGGTGTGTACAGTCATGGATG  
GGCAGTGTGGGGGTCTCTGGTGCACCCCAAGTGGGTGCTCACAGCTGCCATTGCCTAAAGAAGAAT  
AGCCAGGTCTGGCTGGGTGGGACACACCTGTTTGAGCCTGAAGACACAGGCCAGAGGGTCCCTGTACGCC  
ACAGTCTCCACACCCGCTCTACAATATGAGCCTTCTGAAGCATCAAAGCCTTAGACCAGATGAAGACTC  
CAGCCATGACCTCATGCTGCTCCGCTGTCAGAGCCTGCCAAGATCACAGATGTTGTGAAGGTCCCTGGGC  
CTGCCACCCAGGAGCCAGCACTGGGGACCACCTGCTACGCTCAGGCTGGGGCAGCATCGAACCAGAGG  
AGTTCTTGCGCCCCAGGAGTCTTCAGTGTGTGAGCCTCCATCTCCTGTCCAATGACATGTGTGCTAGAGC  
TACTCTGAGAAGGTGACAGAGTTCATGTTGTGTGCTGGGCTCTGGACAGGTGGTAAAGACACTTGTGGG  
GTGAGTCATCCCTACTCCAACATCTGGAGGGGAAAGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC223935 representing NM\_001002231  
Red=Cloning site Green=Tags(s)

MWDLVLSIALSVGCTGAVPLIQSRIVGGWECEKHSQPWQVAVYSHGWAHCGGVLVHPQWVLTAAHCLKKN  
SQVWLGRRHNLFEPEDTGQRVPVSHSFPHPLYNMSLLKHQSLRPDESSHDLMMLRLSEPAKITDVVKVLG  
LPTQEPALGTTTCYASGWGSIPEEFLRPRSLQCVSLHLLSNDMCAAYSEKVTEFMLCAGLWTGGKDTCCG  
VSHPYSQLLEGKG

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV



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Species:	Human
Serotype:	AAV-2
ACCN:	NM_001002231
ORF Size:	669 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:	<a href="#">NM_001002231.1</a>
RefSeq Size:	2892 bp
RefSeq ORF:	672 bp
Locus ID:	3817
UniProt ID:	<a href="#">P20151</a>
Cytogenetics:	19q13.33
MW:	24.5 kDa