

## Product datasheet for **RC219382A1V**

### Human PKM2 (PKM) (NM\_182470) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human PKM2 (PKM) (NM_182470) AAV Particle
Tag:	Myc-DDK
Symbol:	PKM2
Synonyms:	CTHBP; HEL-S-30; OIP3; p58; PK3; PKM2; TCB; THBP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC219382 representing NM\_182470  
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTGCAAGCCCCATAGTGAAGCCGGGACTGCCTTCATTACAGACCCAGCAGCTGCACGCAGCCATGGCTG  
 ACACATTCCTGGAGCACATGTGCCGCTGGACATTGATTACACCACCCATCACAGCCCGGAACACTGGCAT  
 CATCTGTACCATTGGCCAGCTTCCCGATCAGTGGAGACGTTGAAGGAGATGATTAAGTCTGGAATGAAT  
 GTGGCTCGTCTGAACTTCTCTCATGGAACCTCATGAGTACCATGCGGAGACCATCAAGAATGTGCGCACAG  
 CCACGGAAAGCTTTGCTTCTGACCCCATCTCTACCGCCGTTGCTGTGGCTCTAGACACTAAAGGACC  
 TGAGATCCGAAGTGGCTCATCAAGGGCAGCGGACTGCAGAGGTGGAGCTGAAGAAGGGAGCCACTCTC  
 AAAATCACGCTGGATAACGCCTACATGGAAAAGTGTGACGAGAACATCCTGTGGCTGGACTACAAGAACA  
 TCTGCAAGGTGGTGAAGTGGGAGCAAGATCTACGTGGATGATGGGCTATTTCTCTCCAGGTGAAGCA  
 GAAAGGTGCCACTTCTGGTGACGGAGGTGAAAATGGTGGCTCCTTGGGCAGCAAGAAGGGTGTGAAC  
 CTTCTGGGGCTGCTGTGGACTTGCCTGCTGTGTCGGAGAAGGACATCCAGGATCTGAAGTTGGGGTCC  
 AGCAGGATGTTGATATGGTGTTCGCTCATTATCCGCAAGGCATCTGATGTCCATGAAGTTAGGAAGGT  
 CCTGGGAGAGAAGGAAAGAACATCAAGATTATCAGCAAAATCGAGAATCATGAGGGGTTCCGGAGGTTT  
 GATGAAATCCTGGAGGCCAGTGATGGGATCATGGTGGCTCGTGGTGTATAGGCATTGAGATTCTGCAG  
 AGAAGGTCTTCTTGCTCAGAAGATGATGATTGGACGGTGAACCCGAGCTGGGAAGCCTGTCATCTGTGC  
 TACTCAGATGCTGGAGAGCATGATCAAGAAGCCCCGCCACTCGGGCTGAAGGCAGTGTGGCCAAT  
 GCAGTCTGGATGGAGCCGACTGCATCATGCTGTCTGGAGAAACAGCCAAAGGGGACTATCCTCTGGAGG  
 CTGTGCGCATGCAGCACCTGATAGCTCGTGAGGCTGAGGCAGCCATGTTCCACCGCAAGCTGTTTGAAGA  
 ACTTGTGCGAGCCTCAAGTCACTCCACAGACCTCATGGAAGCCATGGCCATGGGCAGCGTGGAGGCTTCT  
 TATAAGTGTTCAGCAGCAGCTTTGATAGTTCTGACGGAGTCTGGCAGGTCTGCTACCAGGTGGCCAGAT  
 ACCGCCACGTGCCCCATCATTGCTGTGACCCGGAATCCCCAGACAGCTCGTCAGGCCACCTGTACCG  
 TGGCATCTTCCCTGTGCTGTGCAAGGACCCAGTCCAGGAGGCTGGGCTGAGGACGTGGACCTCCGGGTG  
 AACTTTGCCATGAATGTTGGCAAGGCCGAGGCTTCTTCAAGAAGGGAGATGTGGTCATTGTGCTGACCG  
 GATGGCGCCCTGGCTCCGGCTTACCAACACCATGCGTGTTCCTGTGCCG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

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MSKPHSEAGTAFIQTLHAAMADTFLEHMCRLDIDSPITARNTGIICTIGPASRSVETLKEMIKSGMN  
 VARLNFSHGTHEYHAETIKNVRTATESFASDPILYRPVAVALDTKGPEIRTGLIKSGTAEVELKKGATL  
 KITLDNAYMEKCDENILWLDYKNICKVVEVSGSIYVDDGLISLQVKQKGFVTEVENGSLGSKKGVN  
 LPGAAVDLPVASEKDIQDLKFGVEQDVMVFAFIRKASDVHEVRKVLGEKGNIKIISKIENHEGVRRF  
 DEILEASDGMVARGDLGIEIPAEEKVFLAQKMMIGRCNRAGKPVICATQMLESMIKKPRPTRAEGSDVAN  
 AVLDGADCIMLSGETAKGDYPLEAVRMQHLIAREAEAMFHRKLFEEVLRASSHSTDLMAMAMGSVEAS  
 YKCLAAALIVL TESGRSAHQVARYRPRAPIIAVTRNPQTARQAHLYRGIFVVLCKDPVQEAWAEDVDLRV  
 NFAMNVGKARGFFKKGDVVIVLTGWRPGSGFTNTMRVVPV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_182470

**ORF Size:**

1593 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><a href="#">NM_182470.1</a></u>
<b>RefSeq Size:</b>	2674 bp
<b>RefSeq ORF:</b>	1596 bp
<b>Locus ID:</b>	5315
<b>UniProt ID:</b>	<u><a href="#">P14618</a></u>
<b>Cytogenetics:</b>	15q23
<b>MW:</b>	57.9 kDa