

## Product datasheet for **RC205059A1V**

### Human KCT2 (C5orf15) (NM\_020199) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human KCT2 (C5orf15) (NM_020199) AAV Particle
Tag:	Myc-DDK
Symbol:	KCT2
Synonyms:	HTGN29; KCT2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC205059 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**

ATGGCCGCTGCCGTCCCGAAGAGGATGAGGGGGCCAGCACAAGCGAAACTGCTGCCCGGGTCGGCCATCC  
AAGCCCTTGTGGGGTTGGCGCGGCCGCTGGTCTTGGCGCTCCTGCTTGTGTCCGCCGCTCTATCCAGTGT  
TGTATCACGGACTGATTCACCGAGCCCAACCGTACTCAACTCACATATTTCTACCCAAATGTGAATGCT  
CCAAGAAAAGTGGAGGAGCATCTGTGGTCCCTCATCCCTCGCCTACTCCTCTGTCTCAAGAGGAAGTGA  
TAACAATGAAGATCCTAGTATAGAGGAGGAGGATCTTCTCATGCTGAACAGTTCTCCATCCACAGCCAAA  
GACACTCTAGACAATGGCGATTATGGAGAACCAGACTATGACTGGACCACGGGCCCCAGGGACGACGACG  
AGTCTGATGACACCTTGGAAAGAAAACAGGGGTTACATGGAAATTGAACAGTCAGTGAATCCTTTAAGAT  
GCCATCCTCAAAATAGAAAGAGGAAAGACAGCCATTTCTTTTTTTCATCTTATTATTTTGGCTTTTTCATT  
GCTGTTGTTTACATTACATATCACAAACAAAAGGAAGATTTTTCTTCTGGTTCAAAGCAGGAAATGGCGTG  
ATGGCCTTTGTCCAAAACAGTGAATACCATCGCCTAGATCAGAATGTTAATGAGGCAATGCCTTCTTT  
GAAGATTACCAATGATTATTTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;RC205059 protein sequence  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MAAAVPKMRGPAQAKLLPGSAIQALVGLARPLVLALLLVSAALSSVVSRTDPSPTVLNSHISTPNVNA          LTHENQTKPISISQISTTLPTTSTKKSGGASVPHPSPTPLSQEEADNEDPSIEEEDLLMLNSSPSTAK          DTLDNGDYGEPDYDWTGPRDDDESDDTLEENRGYMEIEQSVKSFKMPSSNIEEEDSHFFHLLIIFAFCI          AVVYITYHNKRKIFLLVQSRKWRDGLCSKTVEYHRLDQNVNEAMP<del>SLK</del>ITNDYIF</p> <p><span style="color: green;">TRTRPLEQKLISEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_020199
<b>ORF Size:</b>	795 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_020199.1</a></u>
<b>RefSeq Size:</b>	2298 bp
<b>RefSeq ORF:</b>	798 bp
<b>Locus ID:</b>	56951
<b>UniProt ID:</b>	<u><a href="#">Q8NC54</a></u>
<b>Cytogenetics:</b>	5q31.1
<b>MW:</b>	29.2 kDa