

## Product datasheet for **RC217498A1V**

### Human IQUB (NM\_178827) AAV Particle

#### Product data:

<b>Product Type:</b>	AAV Particles
<b>Tag:</b>	Myc-DDK
<b>Symbol:</b>	IQUB
<b>Mammalian Cell</b>	None
<b>Selection:</b>	
<b>Vector:</b>	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC217498 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTCTAATCAACAGGAGAAGTATGAAGCTCAGAATATAGTCAATTCAACAGAAGAGAGTGATGATGCTT  
TTGATACTGTCACTATTCCAGTTCCTCAGAAGAGCCTCAAGAGTCAGATCAAAGTGAAGAGCATGAATC  
TGGAATAGAACAAATTCAGTGAGAGCCATGCAATACATGTTGAGGAGCAGAGTGACCAAAGCTTTTCAAGC  
CTGGAACCAGACAATGAACAATCATGGAAGAGGTTATATCACCAAGACAAGTTTCATATACTCCGCAAC  
ATCATGAAAAGCAATATGCAATGCAGAGGCCAAATGATGATAGTTTGGCATTCTGGATAAAATAAAGTC  
TGTAAGGAATCTTTGCAAGAATCAGTGGAAAGATTCTCTAGCAACAGTAAAAGTTGTACTTATCCAGTG  
GGCCAGGAAATTGTAATACCTTTTAAAGTTGATACCATTCTTAAATATCTTAAAGACCATTTTTCACACT  
TATTAGGTATCCCACATTCTGTACTGCAGATAAGATACTCAGGAAAAATCTTAAAAATAATGAGACTCT  
AGTACAACATGGAGTTAAGCCACAGGAAATGTACAAGTGGAAATCTTTTACAAAATCCAGATCTGTAT  
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CTCAGTATATTTTGTAGGGATACCGACAGACTTTTTCAGAAAAAATCTCCAACTACAAAATACAA  
CATCCACACAGATGACTAACATTGGTGTATGTATCAAATATGACTGATAAACTGGTAACACCAGGAAA  
GTATTTTTCAGCAGCAGAATACCATGCTCAAAGACTAAAGGCGGTGATAGTGATACAGACTTACTACAGG  
CAATGGCATGCTAAAATCTTCGTAGAGAATTTAAGAAGACAGAAAAGCTTAAGACTGGAATGGGAAACAC  
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TAATTGCTTCCATTGGGAGACATAGATACATTGCTTATATGGCAAATCAGGAAGCAGCAATACAAGCTTT  
TTTGGATAAGTGTTGAGCTCCAAAAATGGGAAACCCCTAATGGCAAAACAATTGAGATGGATACGCAG  
TTCACCATCAGAGCCAGAGAGCTGCAAAAATCTATAAGTGCAATATGCTGAAAAAATCTCCCAAGATG  
AGAGGCTGGATGTGCTGTTAACTCTTAAACACACTGTAAGGAACATGAATGTAACCTAACTCAGGAAAT  
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AGAAAAAGAATTGCGACTCTTTTTTATTATCAAACACCTCTGTTAATCCTGAAGTTGCAAAAT  
ACCTTAAGGTCCCTCAAGACCCATTGAAATTTTATAAGAAGATTTACTTTTGCACAGTTGCCAGCTTTA  
TTTGCCTTCTACAGAAATTTCTGTATCATCCACCTCAGCCGCATATACCGGTGTCGTAACCTGCATTAAC  
CTTCAGAATGAGGCTCAAAACGAGAATCATTTTTGAAGTACAAATGTTTACTTCAACAGCTCTACTATA  
CAGAAGCTGATTATGAAGATGATTCTAAAATGCTTTCTTGATGCAGCTACAAGACATTCAGTACCTGAC  
AGAGAACATCTGGCGTCCAGTCAGTCCAGTGTGCGACAATCTCAGTGATCTGGTCATGGTCAGAG  
TGGAATAAATCCCTGGAGTGGTCCCTGGAAGTGCATTCTTCTTACCAAAGATGAAGCAGCTGCTCATC  
TCAAGTAAACAAGTATTGAAGAGGGATATGAACGCTCATTTATCACAAGATCAAACACAAACATATCCT  
GGCTAAGAATATTTTCTCAGGTTCCAGTGTGGCTTCATTTACTTGTATGGTGAATTTGATGAG  
ATCAGATGGAAGTACTCAGACACAACCTAAGATTATAGAATCCAGAGGCTCCTCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Protein Sequence:</b>	>RC217498 protein sequence Red=Cloning site Green=Tags(s)  MSNQQEKYEAQNIIVNSTEESDDAFDVTIPVPSEEPQESDQTEEHESGIEQFSESHAIHVEEQSDQSFSS LEPDNEQLMEEVISPQVSYTPQHHEKQYAMQRPNDDSLAFLDKIKSVKESLQESVEDSLATVKVVLIPV GQEIVIPFKVDTILKYLKDFHSHLLGIPHSVLQIRYSGKILKNNETLVQHGVPQEI VQVEIFSTNPDLY PVRRIDGLTDVSQIITVTVQTGLDQYQVPVEIVKSDFHKPFLLGGFRHKVTGVEYHNAGTQTVPKRIPER LSIFCRDQTQVQKKNLQQTNTTSTQMTNIGVYVSNMTDKLVTPGKYFSAAEYHAQRLKAVIVIQTYR QWHAKIFVENLRRQKSLRLEWETQQELRKIREKEEWIKLDYHRRHNPKTNEDEFLYNALFWRQEELTR INQSF TGAERKAALCELLEKETQIIASIGRHRYYIAYMANQEAAIQAFLDKCSAPKIWRTPNGKTIEMDTQ FTIRARELQNIYKCI MLKNISQDERLDVLLTLKHTVKEHECKLTQEILELIDREVDLMMRGVKHHNLEGL RKRIATLFFHYIKTPLFNPEVAKYLVKVPQDPLKFYKKIYFCHSCQLYLPSTEFVSSTSRRIYRCRNCIN LQNEAQKRESFLKYKCLLQQLYYTEADYEDDSKIAFLMQLQDIQYL TENIWASQSVLSACDNLSDLVMVR WNKSLEWSPWNCILLTKDEAAHLKLT SIEEGYERSFIHKIKKHILAKNYFSQVPVLASFILDDGEIDE IRWKYHSDTTPKIIESQRPPH  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_178827
<b>ORF Size:</b>	2373 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F7699
<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>	<a href="#">NM_178827.3</a>
<b>RefSeq Size:</b>	3115 bp
<b>RefSeq ORF:</b>	2376 bp
<b>Locus ID:</b>	154865
<b>UniProt ID:</b>	<a href="#">Q8NA54</a>
<b>Cytogenetics:</b>	7q31.32
<b>MW:</b>	92.6 kDa