

Product datasheet for **RC219661A1V**

Human Junctophilin 2 (JPH2) (NM_020433) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Junctophilin 2 (JPH2) (NM_020433) AAV Particle
Tag:	Myc-DDK
Symbol:	JPH2
Synonyms:	CMH17; JP-2; JP2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219661 representing NM_020433
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGGGGCCGCTTCGACTTTGATGATGGAGGGCGTACTCGGGGGCTGGGAGGGGGAAAGGCC
 ATGGGCATGGACTGTGCACAGGCCCAAGGGCCAGGGCGAATACTCTGGCTCCTGGAACCTTTGGCTTTGA
 GGTGGCAGGTGTCTACACCTGGCCAGCGAAACACCTTTGAGGGATACTGGAGCCAGGGCAACGGCAT
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 GCGAGCCAGCGGTGAGGGCAGCCGTCAGTACTCCGTCGAGGGCGCGGGCCGCGCAGCCCCGCGCG
 TCCAGCCACCGAGCGCATGGCCATCGAGGCTCTGCAGGCACCGCCTGCGCCGTGCGGGAGCCGGAGGTG
 GCGCTTTACCAGGGCTACCACAGCTATGCTGTGCGCACACGCCGCCGAGCCCCACCTTTGAGGACC
 AGCCCCGAGCCGAGGTCTCCGGTCCGAGTCCGCGCCCTCGTCCCGGCCACCGCCCCGCTGCAGGCCCC
 CACGCTCCGAGGCCCGAGCCTGCACGCGAGACCCCGCCAAGCTGGAGCCCAAGCCATCATCCCCAAA
 GCCGAGCCAGGGCCAAGGCCCGCAAGACTGAGGCTCGAGGGCTGACCAAGGCGGGGGCCAAGAAGAAGG
 CGCGGAAGGAGGCCGACTGGCGGCAGAGGCGGAGGTGGAGGTGGAAGAGGTCCCAACACCATCCTCAT
 CTGCATGGTGATCCTGCTGAACATCGGCCTGGCCATCCTCTTTGTTACCTCCTGACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC219661 representing NM_020433 Red=Cloning site Green=Tags(s) MSGGRFDFFDDGGAYCGGWEGGKAHGHGLCTGPKGQGEYSGSWNFGFEVAGVYTWPSGNTFEGYWSQGKRH GLGIETKGRWL YKGEWTHGFKGRYGIQSSSSGAKYEGTWNNGLQDGYGTETYADGGTYQGQFTNGMRHG YGVRQSVYPYGMVVRSPRLRTSLSSLRSEHSNGTVAPDSPASPDGPALPSAIPRGGFALSLLANAEA AARAPKGGGLFQRGALLGKLRRAESRTSVGSQSRVSFLKSDLSSGASDAASTASLGEAAEGADEAAPFE ADIDATTTETYMGEWKNDKRSFGVSESSGLRYEGEWLDNLRHGYGCTTLPDGHREEGKYRHNVLVKDT KRRMLQLKSNKVRQKVEHSVEGAQRAAAIARQKAEIAASRTSHAKAKAEAAEQAALANQESNIARTLAR ELAPDFYQPGPEYQKRRLQEI LENSESLEPPDRGAGAAGLPQPPRESPQLHERETPRPEGGSPSPAGT PPQPKRPRPGVSKDGLLSPGAWNGEPSGEGSRSVTPSEGAGRRSPARPATERMAIEALQAPPAPSREPEV ALYQGYHSYAVRTTPEPPPPFEDQPEPEVSGSESAPSSPATAPLQAPT LRGPEPARETPAKLEPKPIIPK AEPRAKARKTEARGLTKAGAKKKARKEAALAAEAEEVEVEVPNTILICMVILLNIGLAILFVHLLT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_020433
ORF Size:	2088 bp
Buffer:	PBS with 0.001% Pluronic F8036
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:	<u>NM_020433.4</u>
RefSeq Size:	4802 bp
RefSeq ORF:	2091 bp
Locus ID:	57158
UniProt ID:	<u>Q9BR39</u>
Cytogenetics:	20q13.12
MW:	74 kDa