

Product datasheet for **RC205414A1V**

Human DHX40 (NM_024612) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DHX40 (NM_024612) AAV Particle
Tag:	Myc-DDK
Symbol:	DHX40
Synonyms:	ARG147; DDX40; PAD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205414 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTC**CCGGTTTCCCGCAGTCGCGGGCAGGGCGCCAAGCGGCAGGAGGAGGGT**GAGCGGTCAAGAGACC
TCCAGGAAGAGCGGCTCTCGGCTGTTTGCATCGCCGATAGAGAAGAGAAAGGATGCACGTCCAGGAGGG
AGGAACTACTCCAAC**TTTTCTATT**CAGAAACAAAGAAAAAGATTATTCAAGCTGTGAGGGACAATTCA
TTCCTTATTGTTACTGGAATACAGGAAGTGGTAAACA**ACTCAACTCCCAAAATATCTATATGAAGCAG**
GGTTTTCAACATGGTATGATTGGTGA**ACTCAACCACGAAAAGTAGCTGCTATATCAGTTGCTCAGAG**
AGTAGCTGAAGAAATGAAATGC**ACTTTGGGATCCAAAGTAGGATACCAAGTTCGTTTTGATGATTGCAGT**
TCTAAGGAGACAGCAATCAAATATATGACTGATGGATGTTTACTGAAACATATTCTGGGAGACCCAAATC
TTACCAAATTCAGTGTCATTATTTGGATGAAGCCCATGAAAGAACTCTAACTACAGATATCTTATTTGG
TTTATTGAAGAAGCTATTT**CAGGAGAAGTCTCCTAATAGGAAGGAGCATT**TAAAGTGGTGGTAATGTCA
GCAACTATGGAATTAGCCAAGCTCTCTGCA**TTCTTTGGAAATTGTCCAATATTTGATATACCTGGAAGGC**
TTTATCCAGTCAGAGAGAAATTCTGCAATTTGATTGGTCCACGAGACAGAGAAAA**ACTGCGTATATTCA**
AGCGATTGTGAAAGTCACCATGGATATCCATTTGAATGAAATGGCTGGAGACATCTTGGTTTTCTGACT
GGCCAGTTTGAATAGAAAAAGTTGTGAGTACTTTTTCAGATGGCAGAGTCTGTTGATTATGATTATG
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GAGGAGGATATTTTGGCACCACCACCTGGAATTAGAAATGTGCATATCCACCAATATTTCTGCAACG
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GATTAGGGTTGGACATCCTGGAGGTGGTTCCAATTTCAAAGAGCGAGGCATTACAGCGAAGTGGCCGAGC
TGGCAGGACTTCTTCAGGAAAA**TGCTTTCGGATCTATAGTAAAGATTTT**TGGAACCAAGTGTATGCCTGAC
CATGTGATCCCTGAAATTAAGAGAACTAGTTTGACATCTGTAGTTCTGACCTTAAAGTGCCTTGCCATAC
ACGATGTCATAAGGTTTCCCTATTTGGATCCACCTAATGAGAGACTTATTTTAGAAGCTCTTAAACA**ACT**
TTACCAAGTGTGATGCTATTGACAGGAGTGGCCATGTCACCAGATTGGGTTTGTCTATGGTGGAGTTTCT
TTGCCTCCACATCTGACATGTGCAGTAATAAAAGCTGCTTCCCTGGATTGTGAAGATCTACTACTTCAA
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GAACAATGCAAAATCAAGTGGAGCTCCAGCTTCATGGTGCCAAAAACACTGGATTCAATGGAGGTGCTTAT
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AAAAGAGACCTTTGAAGGCCCTAAACATGAAGTACTACGAAGATGTCTTTGTGCGGGCTATTTCAAAAT
GTAGCTCGAAGATCTGTTGGGAGAACGTTTGCACAATGGATGGTTCGTGGAAGCCAGTTTACATTATC
CTTCTCAGCACTTCA**TGAACAGGAAACCAACTTGAATGGATCATTTTTCATGAGGTATTGGTTACCAC**
CAAAGTCTACGCAAGAATTGTATGCCCAATCCGTTATGAATGGTAAGAGACTTGTTACCCAAGTTGCAT
GAATTTAATGCACATGATTTGAGCAGTGTGGCCGACGTGAAGTGAGAGAAGATGCAAGAAGGAGATGGA
CAAATAAGGAAAAATGTAAGCAGCTAAAGGATGGAATATCGAAAGACGTCTTAAAGAAAAATGCAAGAAG
AAATGATGACAAATCCATATCTGATGCACGGGCTCGTTTCTTGAGAGAAAGCAGCAGAGGACCCAGGAC
CACAGTGACACAGAAAGGAAACAGGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205414 protein sequence Red=Cloning site Green=Tags(s) MSRFPVAVAGRPRRQEEGERSRDLQEERLSAVCIADREEKGCTSQEGGTTPTFPIQKQRKKIIQAVRDNS FLIVTGNTGSGKTTQLPKYLYEAGFSQHGMIGVTQPRKVAAISVAQRVAEEMKCTLGSKVGYQVRFDDCS SKETAIKYMTDGCLLKHLGDPNLTKFSVILDEAHERTLTDDILFGLLKKLFQEKSPNRKEHLKVVVMS ATMELAKLSAFFGNCPIFDIPGRLYPVREKFCNLIGPRDRENTAYIQAIKVTMDIHLNEMAGDILVFLT GQFEIEKSCELLFQMAESVDYDYVDQDITLDGLLILPCYGSMTDQQRRIFLPPPPGIRKCVISTNISAT SLTIDGIRYVVDGGFVKQLNHNPRGLDILEVVPISKSEALQRSGRAGRTSSGKCFRIYSKDFWNQCMPTD HVIPEIKRTSLTSVVLTLKCLAIHDVIRFPYLDPPNERLILEALKQLYQCDRIDRSGHVTRLGLSMVEFP LPPHLTCAVIKAASLDCEDLLLPIAAMLSVENVFIRPVDPEYQKEAEQRHRELAAGAGGFNDATLAVIF EQCKSSGAPASWCQKHWIHWRLCSAFRVEAQLRELIRKLKQSDFPKETFEQPKHEVLRRLCAGYFKN VARRSVGRFTCTMDGRGSPVHIHPSSALHEQETKLEWIIFHEVLVTTKVYARIVCPIRYEWVRDLLPKLH EFNAHDLSSVARREVREDARRRWTNKENVKQLKDGISKDVLKKMQRRNDDKSISDARARFLERKQQTQD HSDTRKETG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_024612
ORF Size:	2337 bp
Buffer:	PBS with 0.001% Pluronic F5701
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:	NM_024612.3
RefSeq Size:	3682 bp
RefSeq ORF:	2340 bp
Locus ID:	79665
UniProt ID:	Q8IX18
Cytogenetics:	17q23.1
MW:	88.6 kDa