

Product datasheet for **RC207173A1V**

Human DDX59 (NM_001031725) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DDX59 (NM_001031725) AAV Particle
Tag:	Myc-DDK
Symbol:	DDX59
Synonyms:	OFD5; ZNHIT5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207173 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTGTTC AAGATCTCTAAAAATCAAGAGGAATGCTAATGATGATGGCAAAAGTTGTGTGGCTAAGA
 TAATTAACAGACCCAGAAGACCTTCAGTTGGACAAAAGCAGAGATGTTCCCGTTGATGCTGTAGCTAC
 AGAAGCAGCCACAATAGACAGGCACATCAGCGAATCATGCCCTTCCCGAGCCAGGTGGCCAGTTGGCA
 GAGGTTTATTAGTAAGTCCCGAGCAGGGTGCGAAGGACAGCCATCCTTCTGAAGAGCCCGTTAAGTCAT
 TTTCCAAAACACAGCGCTGGGCAGAACAGGGGAACCCATCTGTGTTGTCTGTGGTCTGTATGGAGAGTA
 TATCTGTGATAAGACAGATGAAGATGTGTAGTTTGGAGTGTAAGCGAAACATCTTCTACAAGTTAAG
 GAAAAGGAAGAGAAATCAAACTCAGCAATCCACAGAAGGCTGATTCTGAGCCAGAGTCTCCACTGAATG
 CTTCTATGTCTACAAAGAGCACCCCTTATTTTGAACCTTCAGGAAGACCAGATTGAAAATCTTAAACA
 GCAGCTGGGAATTTTAGTTCAAGGGCAAGAAGTACCAGGCCATTATTGACTTTGAACATTGTAGTCTC
 CCTGAGGTCTTAAATCACAACCTGAAGAAATCAGGCTATGAGGTGCCAACTCCCATTCAAATGCAGATGA
 TTCCTGTGGGACTTCTGGGAAGAGACATTCTGGCCAGTGCAGATACTGGCTCAGGAAAAACAGCTGCTTT
 TCTTCTTCTGTTATCATGCGAGCTTTATTCGAGAGCAAACTCCATCTGCGCTCATTCTTACACCAACC
 AGAGAGTTAGCCATTCAGATAGAGAGACAAGCTAAAGAATTGATGAGTGGCCTGCCACGCATGAAAACCTG
 TGCTTCTTGTAGGGGGCTTACCCTTACCCACAGCTTTATCGTCTGCAACAACATGTTAAGGTTATCAT
 AGCAACCCCTGGGCGACTTCTGGATATAATAAGCAGAGCTCTGTAGAATCTGTGGTGTAAAGATTGTG
 GTAGTAGATGAAGCTGATACCATGTTAAAGATGGGTTTCAACAACAAGTGCTTGACATTTTGGAAAACA
 TTCCTAATGATTGTGAGCCATTTTGGTTTCAGCCACAATCCAACTAGCATAGAACAGCTAGCAAGCCA
 GCTTCTGCATAATCCTGTGAGAATTATCACTGGAGAAAAGAACCTACCTTGTGCCAATGTACGTCAGATT
 ATTTTGTGGGTAGAAGACCCAGCCAAAAAGAAAAATTTTGAATTTTAAATGATAAGAACTCTTTA
 AGCCTCCAGTGTTAGTATTTGTGGACTGCAAACTAGGAGCAGATCTTTTGAAGTGAAGCCGTTTCAAAAA
 CACAGGGCTGAAAAGATATCTATACATTCCGAGAAAGTCGAAATAGAAAGGAAAAACATATTGAAGGGA
 TTACTTGAAGGAGACTATGAAGTTGTAGTGAGCACAGGAGTCTTGGGACGAGGCCTAGACTTGATCAGTG
 TCAGGCTGGTTGTCAATTTTATGATGCCTTCAAGTATGGATGAGTATGTCATCAGATTGGAAGAGTAGG
 AAGATTAGGTCAAAATGGAACAGCGATTACTTTTATCAATAAATTCAAAAAGACTCTTCTGGGATATT
 GCAAAACGAGTAAAGCCACAGGATCCATTCTCCCTCAGTTATTAATTTCCCATACCTTCATGACC
 AGAAGAGAAAGGAACAACAGAAAGATAACAGACACAGAATGATCTGGTTACAGGAGCTAATCTTATGGA
 TATTATCAGAAAACATGATAAAAGTAATTCTCAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207173 protein sequence
 Red=Cloning site Green=Tags(s)

MFVPRSLKIKRNANDDGKSCVAKIIKPDPEDLQDKSRDVPVDAVATEAATIDRHISESCFPSPGGQLA
 EVHSVSPEQGAQDHPSEEPVKSFSKTQRWAEPGEPICVVCGRYGEYICDKTDEDVCSLECKAKHLLQVK
 EKEESKLSNPQKADSESPNASYVYKEHPFILNLQEDQIENLKQQLGILVQGGQEVTRPIIDFEHCSL
 PEVLNHNLLKSGYEVPTPIQMIPVGLLGRDILASADTSGSKTAAFLLPVIMRALFESKTPSALILTPT
 RELAIQIERQAKELMSGLPRMKTVLLVGLPLPPQLYRLQHVKVIIATPGRLDIIKQSSVELCGVKIV
 VVDEADTMLKMGFQQQVLDILENIPNDQTILVSATIPSTIEQLASQLLHNPVRIITGEKNLPCANVRQI
 ILWVEDPAKKKKLFEILNDKKLFKPPVLVFDCKLGADLLSEAVQKITGLKRISIHSEKSQIERKNILKG
 LLEGDYEVVVSTGVLGRGLDLISVRLVYNFDMPSMDEYVHQIGRVRLGQNGTAITFINNNSKRLFWDI
 AKRVKPTGSILPPQLLNSPYLHDQKRKEQQKDKQTQNDLVTGANLMDIIRKHKDSNSQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001031725
ORF Size:	1857 bp
Buffer:	PBS with 0.001% Pluronic F6001
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_001031725.1</u>
RefSeq Size:	2337 bp
RefSeq ORF:	1860 bp
Locus ID:	83479
UniProt ID:	<u>Q5T1V6</u>
Cytogenetics:	1q32.1
MW:	68.9 kDa