

Product datasheet for **RC204171A1V**

Human DDX3 (DDX3X) (NM_001356) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DDX3 (DDX3X) (NM_001356) AAV Particle
Tag:	Myc-DDK
Symbol:	DDX3X
Synonyms:	CAP-Rf; DBX; DDX3; DDX14; HLP2; MRX102; MRXSSB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204171 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGTCATGTGGCAGTGGAAAATGCGCTCGGGCTGGACCAGCAGTTTGTGCGCCTAGACCTGAACCTCTT
CAGATAATCAGAGTGGAGGAAGTACAGCCAGCAAAGGGCGCTATATTCCTCCTCATTTAAGGAACCGAGA
AGCTACTAAAGGTTTCTACGATAAAGACAGTTCAGGGTGGAGTTCTAGCAAAGATAAGGATGCGTATAGC
AGTTTTGGATCTCGTAGTGATTCAAGAGGGAAGTCTAGCTTCTTCAGTGATCGTGGAAAGTGGATCAAGGG
GAAGGTTTGATGATCGTGGACGGAGTGATTACGATGGCATTGGCAGCCGTGGTGACAGAAGTGGCTTTGG
CAAATTTGAACGTGGTGGAAACAGTCTGCTGGTGTGACAAATCAGATGAAGATGATTGGTCAAAACCACTC
CCACCAAGTGAACGCTTGAACAGGAATCTTTTCTGGAGGCAACACTGGGATTAATTTTGAGAAATACG
ATGACATTCCAGTTGAGGCAACAGGCAACAACGTCTCCACATATTGAAAGTTTCAGTGATGTTGAGAT
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CGGATGTTGGATATGGGGTTTGAGCCTCAGATTCGTAAGATAGTCGAACAAGATACTATGCCTCCAAAGG
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CCTTGGCCTGGCAACCTCATTCTTTAACGAGAGGAACATAAATATTACTAAGGATTTGTTGGATCTTCTT
GTTGAAGCTAAACAAGAAGTGCCGTCTTGGTTAGAAAACATGGCTTATGAACACCACTACAAGGGTAGCA
GTCGTGGACGTTCTAAGAGTAGCAGATTTAGTGGAGGGTTTGGTGCCAGAGACTACCGACAAAGTAGCGG
TGCCAGCAGTTCCAGCTTCAGCAGCAGCCGCGCAAGCAGCAGCCGAGTGGCGGAGGTGGCCACGGTAGC
AGCAGAGGATTTGGTGGAGGTGGCTATGGAGGCTTTTACAACAGTGATGGATATGGAGGAAATTATAACT
CCCAGGGGTTGACTGGTGGGTAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC204171 protein sequence Red=Cloning site Green=Tags(s) MSHVAVENALGLDQQFAGLDLNSSDNQSGGSTASKGRYIPPHLRNREATKGFYDKDSSGWSSSKDKDAYS SFGSRSDSRGKSSFFSDRGSGSRGRFDDRGRSDYDGIGSRGDRSGFGKFERGGNSRWCDKSDDDWSKPL PPSERLEQELFSGGNTGINFEKYDDIPVEATGNPCPHIESFSDVEMGEIIMGNIELTRYTRPTPVQKHA IPIIEKRDLMACAQTGSGKTA AFLLPILSQIYSDGPGALRAMKENGRYGRRKQYPIISLVLAPTRELA QIYEEARKFSYRSRVRPCVVYGGADIGQQIRDLERGCHLLVATPGRLVDMMERGKIGLDFCKYLVLEAD RMLDMGFEPQIRRIVEQDTMPPKGVRHTMMFSATFPKEIQMLARDFLDEYIFLAVGRVGSTSENITQKV WVEESDKRSFLDLLNATGKDSLTLVFVETKKGADSLDFLYHEGYACTSIHGDRSQRDREELHQFRSG KSPILVATAVAARGLDISNVKHVINFDLPSDIEEYVHRIGRTGRVGNLGLATSFNERNINITKDLLDLL VEAKQEVPSWLENMAYEHYKSSRGRSKSSRFSGGFGARDYRQSSGASSSSFSSSRASSRSGGGHGS SRGFGGGGYGGFYNSDGYGGNYNSQGVDDWWGN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001356
ORF Size:	1986 bp
Buffer:	PBS with 0.001% Pluronic F5531
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_001356.3</u>
RefSeq Size:	5433 bp
RefSeq ORF:	1989 bp
Locus ID:	1654
UniProt ID:	<u>O00571</u>
Cytogenetics:	Xp11.4
MW:	73.2 kDa