

Product datasheet for **RC226957A1V**

Human DDX4 (NM_001136034) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DDX4 (NM_001136034) AAV Particle
Tag:	Myc-DDK
Symbol:	DDX4
Synonyms:	DEAD (Asp-Glu-Ala-Asp) box polypeptide 4; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 4; MGC111074; OTTHUMP00000122546; VASA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC226957 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGAGATGAAGATTGGGAAGCAGAAATCAACCTCATATGTCTTCCTATGTTCCCATATTTGAGAAGG
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ACTGGTCGTTGTGGGAATACTGGCAGAGCAATTTCTTTTTTGATCTTGAATCGGATAACCATTTAGCAC
AGCCTCTAGTAAAAGTATTGACAGATGCTCAACAGGATGTTCTCTGCATGGTTGGAAGAAATTCGCTTTAG
TACATACATTCCTGGCTTCAGTGGTAGTACAAGAGGAAACGTGTTTGCATCAGTTGATACCAGAAAGGGC
AAGAGCACTTTGAACACAGCTGGGTTTTCTTCTTCAAGCTCCCAATCCAGTAGATGATGAGTCATGGG
AT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC226957 protein sequence Red=Cloning site Green=Tags(s) MGDEDWEAEINPHMSSYVPIFEKDRYSGENGDNFNRTPASSSEMDDGPSRRDHFMKSGFASGRNFGNRDA GECNKRDNSTMGFGVGKSFNGRGSNSRFEDGSSGFWRESSNDCEDNPTRNRGFSKRGGYRDGNNSE ASGPYRRGGRGSFRGCRGGFGLGSPNNDLDPDECMQRTGGLFGSRRPVLSGTGNGDTSQSRSGSGSERGG YKGLNEEVITGSGKNSWKSEAEGGESDQTQGPVITYIPPPPEDEDSIFAHYQTGINFDKYDTILVEVSG HDAPPAILTFEEANLCQTLNNNIAKAGYTKLTPVQKYSIPIILAGRDLMACAQTGSGKTAFFLLPILAHM MHDGITASRFKELQEPECIIVAPTRELVNQIYLEARKFSFGTCVRAVVIYGGTQLGHSIRQIVQGCNILC ATPGRMLDIIGKEKIGLKQIKYLVLEADRMLDMGFGPEMKKLISCPGMPKSKEQRQTLMFSAFPPEEIQR LAAEFLKSNYLFVAVGQVGGACRDVQQTVLQVGQFSKREKLVEILRNIGDERTMVFVETKKKADFIAATFL CQEKISTTSIHGDREQREREQALGDFRFGKCPVLVATSVAARGLDIENVQHVINFDPSTIDEYVHRIGR TGRCGNTGRAISFFDLESDNHLAQPLVKVLTDAQDVPALWEEIAFSTYIPGFSGSTRGNVFASVDTRKG KSTLNTAGFSSSQAPNPVDESWD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001136034
ORF Size:	2172 bp
Buffer:	PBS with 0.001% Pluronic F9217
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_001136034.1, NP_001129506.1</u>
RefSeq Size:	2880 bp
RefSeq ORF:	2174 bp
Locus ID:	54514
Cytogenetics:	5q11.2
MW:	79.3 kDa