OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC215792

DDX26 (INTS6) (NM_001039937) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DDX26 (INTS6) (NM_001039937) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DDX26
Synonyms:	DBI-1; DDX26; DDX26A; DICE1; HDB; INT6; Notchl2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>RC215792 representing NM_001039937
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCCATCTTACTGTTCCTGATAGACACGTCTGCCTCTATGAACCAGCGCAGCCATCTGGGCACCACCT
ACCTGGACACGGCCAAAGGCGCGGTAGAGACCTTCATGAAGCTCCGTGCCCGGGACCCTGCCAGCAGAGG
AGACAGGTATATGCTGGTCACTTTCGAAGAGCCGCCCTATGCTATCAAGGCTGGATGGAAAGAAAACCAT
GCAACGTTTATGAATGAATTGAAAAACCTTCAGGCTGAAGGACTTACGACTCTTGGCCAATCCCTAAGGA
CAGCTTTTGATTTATTAAATTTAAATAGATTAGTAACTGGCATAGACAACTATGGGCAGGGAAGAAACCC
TTTTTTCTTGGAGCCAGCAATAATTATCACAATTACTGATGGGAGCAAGTTGACTACCACCAGTGGAGTC
CAGGATGAGCTTCATTTACCTCTTAATTCTCCTTTGCCTGGAAGTGAATTGACCAAGGAACCTTTTCGTT
GGGATCAGAGACTCTTTGCATTAGTGTTGCGGTTGCCTGGCACCATGTCAGTAGAATCAGAACAGTTGAC
AGGTGTGCCTTTAGATGACTCTGCAATCACACCAATGTGTGAAGTGACAGGCGGCCGTTCATATTCTGTG
TGTTCTCCAAGAATGCTTAATCAGTGTCTGGAGTCCTTGGTGCAGAAAGTACAAAGTGGGGTGGTAATAA
ACTTTGAAAAAGCAGGACCAGATCCTTCCCCTGTAGAAGATGGGCAGCCAGATATATCAAGGCCTTTTGG
ATCTCAGCCTTGGCATAGCTGTCACAAACTCATATATGTCAGACCAAATCCTAAAACTGGGGTTCCTATA
GGTCATTGGCCTGTTCCAGAGTCTTTTTGGCCAGATCAAAATTCGCCAACACTACCACCTCGTACATCTC
ATCCTGTAGTGAAGTTTTCCTGTACAGACTGTGAACCAATGGTTATTGATAAACTTCCTTTTGACAAATA
TGAGTTGGAACCTTCACCACTGACTCAATTTATCCTGGAAAGGAAATCTCCTCAAACATGTTGGCAGGTG
TACGTGAGCAATAGTGCAAAATACAGTGAACTTGGTCATCCTTTTGGTTACTTGAAAGCCAGTACAGCAC
TGAACTGTGTCAACTTATTTGTGATGCCTTACAATTATCCAGTCCTTCTTCCCCTCTTAGATGACTTGTT
TAAAGTGCATAAAGCAAAACCAACATTGAAGTGGAGACAGTCATTTGAAAGTTATTTGAAGACAATGCCT
CCCTACTATCTTGGGCCCTTGAAGAAAGCTGTTAGGATGATGGGAGCACCTAACCTAATAGCAGACAGTA
TGGAATATGGACTTAGTTACAGTGTCATTTCATACCTCAAAAAACTGAGTCAACAGGCCAAAATAGAATC
TGATCGAGTCATTGGATCTGTAGGCAAAAAAGTAGTACAGGAGACTGGAATAAAAGTCCGGAGCCGATCA
CATGGTTTATCAATGGCATATAGGAAAGATTTTCAACAACTCCTCCAGGGAATTTCAGAGGATGTCCCTC
ACAGACTGCTAGACCTTAATATGAAGGAATACACTGGGTTCCAAGTTGCTTTGCTGAATAAGGATTTGAA
GCCACAGACATTTAGAAATGCTTATGACATACCAAGACGAAATCTTTTGGATCACTTAACAAGAATGAGA
TCTAATCTTTTGAAGAGCACTCGCAGATTTCTGAAAGGACAGGACGAAGATCAAGTGCACAGTGTTCCTA
TAGCACAAATGGGGAACTACCAGGAATACCTCAAGCAAGTACCTTCTCCACTAAGAGAACTTGATCCTGA
TCAGCCACGAAGGTTGCATACATTTGGCAACCCCTTTAAGCTGGATAAGAAGGGTATGATGATAGATGAA
GCAGATGAATTTGTGGCTGGACCTCAAAATAAACATAAACGACCCGGAGAACCAAATATGCAAGGGATCC
CTAAAAGACGTCGGTGTATGTCTCCACTACTAAGAGGCAGACAGCAGAATCCTGTTGTAAACAATCATAT
TGGGGGAAAAGGACCACCTGCACCTACAACTCAAGCACAGCCAGATCTTATTAAACCTCTTCCTCTTCAT
AAAATTTCAGAAACCACTAATGATTCGATAATACATGATGTGGTTGAAAATCATGTTGCAGACCAACTTT
CATCAGACATTACACCAAATGCTATGGATACGGAATTTTCAGCATCTTCTCCAGCCAGTTTACTGGAACG
GCCAACCAATCATATGGAGGCTCTTGGTCATGACCATTTAGGAACCAATGACCTCACTGTTGGTGGATTT
TTAGAAAATCATGAGGAGCCAAGAGATAAAGAACAATGTGCTGAAGAGAACATACCAGCATCTTCACTCA
ACAAAGGAAAGAAATTGATGCATTGCAGAAGCCATGAAGAGGTCAATACTGAACTAAAAGCACAAATAAT
GAAAGAGATCCGAAAGCCAGGAAGAAAATATGAAAGAATCTTCACTTTACTGAAGCATGTGCAAGGCAGT
TTACAAACAAGACTAATATTTTTACAAAATGTCATTAAAGAAGCATCAAGGTTTAAAAAACGAATGCTAA
TAGAACAACTGGAGAACTTCTTGGATGAAATTCATCGAAGAGCCAATCAGATCAACCATATTAATAGCAA
T

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

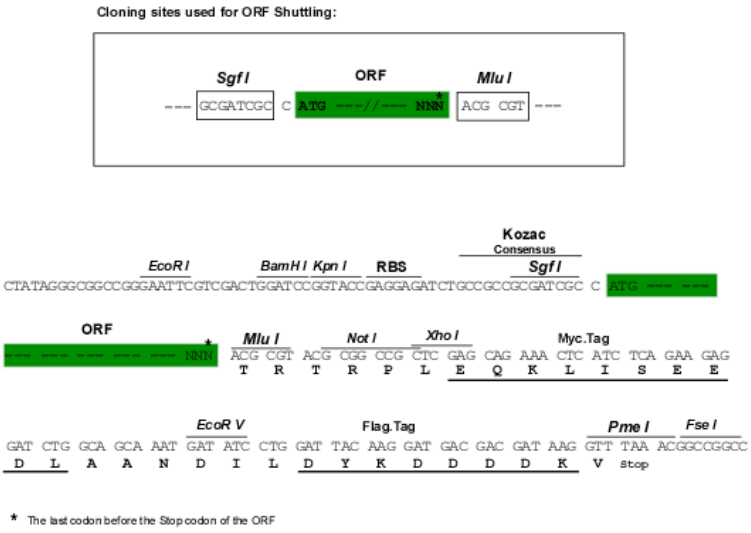
>RC215792 representing NM_001039937
Red=Cloning site Green=Tags(s)

MPILLFLIDTSASMNQRSHLGTTYLDTAKGAVETFMKLRARDPASRGDRYMLVTFEEPPYAIKAGWKENH
ATFMNELKNLQAEGLTTLGQSLRTAFDLLNLNRLVTGIDNYGQGRNPFFLEPAIIITITDGSKLTTTSGV
QDELHLPLNSPLPGSELTKEPFRWDQRLFALVLRLPGTMSVESEQLTGVPLDDSAITPMCEVTGGRSYSV
CSPRMLNQCLESLVQKVQSGVVINFEKAGPDPSPVEDGQPDISRPFGSQPWHSCHKLIYVRPNPKTGVPI
GHWPVPESFWPDQNSPTLPPRTSHPVVKFSCTDCEPMVIDKLPFDKYELEPSPLTQFILERKSPQTCWQV
YVSNSAKYSELGHPFGYLKASTALNCVNLFVMPYNYPVLLPLLDDLFKVHKAKPTLKWRQSFESYLKTMP
PYYLGPLKKAVRMMGAPNLIADSMEYGLSYSVISYLKKLSQQAKIESDRVIGSVGKKVVQETGIKVRSRS
HGLSMAYRKDFQQLLQGISEDVPHRLLDLNMKEYTGFQVALLNKDLKPQTFRNAYDIPRRNLLDHLTRMR
SNLLKSTRRFLKGQDEDQVHSVPIAQMGNYQEYLKQVPSPLRELDPDQPRRLHTFGNPFKLDKKGMMIDE
ADEFVAGPQNKHKRPGEPNMQGIPKRRRCMSPLLRGRQQNPVVNNHIGGKGPPAPTTQAQPDLIKPLPLH
KISETTNDSIIHDVVENHVADQLSSDITPNAMDTEFSASSPASLLERPTNHMEALGHDHLGTNDLTVGGF
LENHEEPRDKEQCAEENIPASSLNKGKKLMHCRSHEEVNTELKAQIMKEIRKPGRKYERIFTLLKHVQGS
LQTRLIFLQNVIKEASRFKKRMLIEQLENFLDEIHRRANQINHINSN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

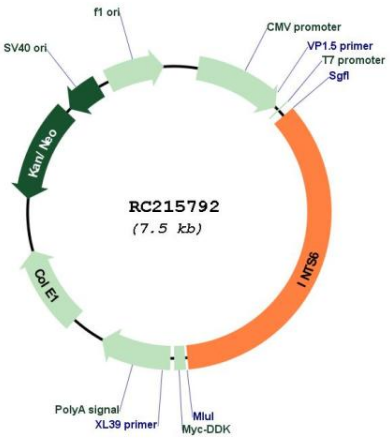
Cloning Scheme:



ACCN: NM_001039937

ORF Size:	2661 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001039937.1, NP_001035026.1
RefSeq Size:	6973 bp
RefSeq ORF:	2625 bp
Locus ID:	26512
UniProt ID:	Q9UL03
Cytogenetics:	13q14.3
Protein Families:	Druggable Genome
MW:	100.4 kDa
Gene Summary:	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. The protein encoded by this gene is a DEAD box protein that is part of a complex that interacts with the C-terminus of RNA polymerase II and is involved in 3' end processing of snRNAs. In addition, this gene is a candidate tumor suppressor and is located in the critical region of loss of heterozygosity (LOH). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2015]

Product images:



Circular map for RC215792