

Product datasheet for **SC311098**

DDX26 (INTS6) (NM_001039937) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DDX26 (INTS6) (NM_001039937) Human Untagged Clone
Tag:	Tag Free
Symbol:	DDX26
Synonyms:	DBI-1; DDX26; DDX26A; DICE1; HDB; INT6; Notch12
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001039937, the custom clone sequence may differ by one or more nucleotides

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ATGAACCAGCGCAGCCATCTGGGCACCACCTACCTGGACACGGCCAAAGGCGGGTAGAG
ACCTTCATGAAGCTCCGTGCCCGGGACCCTGCCAGCAGAGGAGACAGGTATATGCTGGTC
ACTTTCGAAGAGCCGCCCTATGCTATCAAGGCTGGATGGAAAGAAAACCATGCAACGTTT
ATGAATGAATTGAAAAACCTTCAGGCTGAAGGACTTACGACTCTTGCCAATCCCTAAGG
ACAGCTTTTGATTTATTAATTTAAATAGATTAGTAAGTGCATAGACAACCTATGGGCAG
GGAAGAAAACCTTTTTCTTGAGCCAGCAATAATTATACAATTACTGATGGGAGCAAG
TTGACTACCACCAGTGGAGTCCAGGATGAGCTTCATTTACCTCTTAATTCTCCTTTGCC
GGAAGTGAATTGACCAAGGAACCTTTTCGTTGGGATCAGAGACTCTTTCATTAGTGTTG
CGGTTGCCTGGCACCATGTCAGTAGAATCAGAACAGTTGACAGGTGTGCCTTTAGATGAC
TCTGCAATCACACCAATGTGTGAAGTGACAGGCGGCCGTTTCATATTCTGTGTGTTCTCCA
AGAATGCTTAATCAGTGTCTGGAGTCTTGGTGCAGAAAGTACAAAGTGGGGTGGTAATA
AACTTTGAAAAAGCAGGACCAGATCCTTCCCCTGTAGAAGATGGGCAGCCAGATATATCA
AGGCCTTTTGGATCTCAGCCTTGGCATAGCTGTCACAACTCATATATGTCAGACCAAT
CCTAAAACCTGGGGTTCCTATAGGTCATTGGCCTGTTCCAGAGTCTTTTTGGCCAGATCAA
AATTCGCCAACACTACCACCTCGTACATCTCATCTGTAGTGAAGTTTTCTGTACAGAC
TGTGAACCAATGGTTATTGATAAATTCCTTTTGACAAATATGAGTTGGAACCTTACCA
CTGACTCAATTTATCCTGGAAAGGAAATCTCCTCAAACATGTTGGCAGGTGTACGTGAGC
AATAGTGCAAAATACAGTGAACCTGGTCATCCTTTGGTACTTGAAAGCCAGTACAGCA
CTGAACTGTGTCAACTTATTTGTGATGCCTTACAATTATCCAGTCCTTCTCCCCTTTA
GATGACTTGTTTAAAGTGCATAAAGCAAACCAACATTGAAGTGGAGACAGTCATTTGAA
AGTTATTTGAAGACAATGCCTCCCTACTATCTTGGGCCCTTGAAGAAAGCTGTTAGGATG
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TCATACCTCAAAAACTGAGTCAACAGGCCAAAATAGAATCTGATCGAGTCATTGGATCT
GTAGGCCAAAAAGTAGTACAGGAGACTGGAATAAAAGTCCGGAGCCGATCACATGGTTTA
TCAATGGCATATAGGAAAGATTTTCAACAACCTCCTCCAGGGAATTTAGAGGATGTCCCT
CACAGACTGCTAGACCTAATATGAAGGAATACACTGGGTTCCAAGTTGCTTTGCTGAAT
AAGGATTTGAAGCCACAGACATTTAGAAATGCTTATGACATACCAAGACGAAATCTTTG
GATCACTTAACAAGAATGAGATCTAATCTTTTGAAGGACTCGCAGATTTCTGAAAGGA
CAGGACGAAGATCAAGTGCACAGTGTCTTATAGCACAATGGGGAACCTACCAGGAATAC
CTCAAGCAAGTACCTTCTCCACTAAGAGAACTTGATCCTGATCAGCCACGAAGGTTGCAT
ACATTTGGCAACCCCTTTAAGCTGGATAAAGAAGGGTATGATGATAGATGAAGCAGATGAA
TTTGTGGCTGGACCTCAAAATAAACATAAACGACCCGGAGAACCAATATGCAAGGGATC
CCTAAAAGACGTCCGGTGTATGCTCCACTACTAAGAGGCAGACAGCAGAAATCCTGTTGTA
AACAAATCATATTTGGGGGAAAAGGACCACCTGCACCTACAACCTCAAGCACAGCCAGATCTT
ATTAACCTCTTCTCTTCATAAAATTTAGAAACCACTAATGATTGCGATAATACATGAT
GTGGTTGAAAATCATGTTGCAGACCAACTTTTCATCAGACATTACACCAATGCTATGGAT
ACGGAATTTTTCAGCATCTTCTCCAGCCAGTTTACTGGAACGGCCAACCAATCATATGGAG
GCTCTTGGTCATGACCATTTAGGAACCAATGACCTCACTGTTGGTGGATTTTATAGAAAAT
CATGAGGAGCCAAGAGATAAAGAACAATGTGCTGAAGAGAACATACCAGCATCTTCACTC
AACAAAGGAAAAGAAATTGATGCATTGCAGAAGCCATGAAGAGGTCAATACTGAACTAAAA
GCACAAAATAATGAAAGAGATCCGAAAGCCAGGAAGAAAATATGAAAGAATCTTCACTTTA
CTGAAGCATGTGCAAGGCAGTTTACAAACAAGACTAATATTTTTACAAAATGTCATTAA
GAAGCATCAAGGTTTTAAAAACGAATGCTAATAGAACAACCTGGAGAACCTTCTGGATGAA
ATTCATCGAAGAGCCAATCAGATCAACCATATTAATAGCAATTA

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Restriction Sites: Please inquire
ACCN: NM_001039937

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none"> 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.
RefSeq:	<u>NM_001039937.1</u> , <u>NP_001035026.1</u>
RefSeq Size:	6973 bp
RefSeq ORF:	2625 bp
Locus ID:	26512
UniProt ID:	<u>Q9UL03</u>
Cytogenetics:	13q14.3
Protein Families:	Druggable Genome
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) is missing a segment in the the 5' coding region, and uses an in-frame downstream start codon compared to variant 1. This results in an isoform (b) with a shorter N-terminus compared to isoform a.</p>