

## Product datasheet for **SC322618**

### DDX26 (INTS6) (NM\_012141) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DDX26 (INTS6) (NM_012141) Human Untagged Clone
Tag:	Tag Free
Symbol:	DDX26
Synonyms:	DBI-1; DDX26; DDX26A; DICE1; HDB; INT6; Notch12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322618  
 GAAAGTGGTGACACCGCCGGGGTGGGAGGGAGTCCCTGAAACTTCTCCCAACAGCCCCA  
 GGGCCAATCTTCCCTCAGCCCACTCCCCCTTCGCCAGTCCCAGTCCCCTCTGTA  
 CCGGGGGTGGGGTGGGGAGCCAGGCCCGTCTCCGCTGGGACACACAGGGGCCGGAG  
 CGGGGACGGGACCCCGAGGCGGGGGGACGAACCGACAGACAGACGGCTGGGCGCCCGC  
 CCCAGCGGGCAGGCAGGCAGGAGGAGGCGGAGGCGGGGTACGACGGGGAGCACTGGGTC  
 TGGGGAGTTTCTCTCAACTATCGGGGAGAACTCCCCGAGCCGGAGGAAAGACCCAG  
 ACAGTGTTCCTCCCGGGGCCGTGCTCCCCGCCCGCGTAGCGGGGTGCGCCGCAC  
 CGGCGCCTCCACCTTACCATCTCTTTCTCCACCCTCGGGCCCCGGTGTCCCGG  
 CCAGCACTATGCCATCTTACTGTTCTGATAGACAGTCTGCCTCTATGAACCAGCGCA  
 GCCATCTGGGCACCACCTACCTGGACACGGCCAAAGGCGCGGTAGAGACCTTCATGAAGC  
 TCCGTGCCCGGGACCCTGCCAGCAGAGGAGACAGGTATATGCTGGTCACTTTCGAAGAGC  
 CGCCCTATGCTATCAAGGCTGGATGGAAAGAAAACCATGCAACGTTTATGAATGAATTGA  
 AAAACCTTCAGGCTGAAGGACTTACGACTCTTGGCCAATCCCTAAGGACAGCTTTTGATT  
 TATTAATTTAAATAGATTAGTAACTGGCATAGACAATATGGGCAGGGAAGAAACCTT  
 TTTTCTTGGAGCCAGCAATAATTATCACAATTACTGATGGGAGCAAGTTGACTACCACCA  
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 CCAAGGAACCTTTTCGTTGGGATCAGAGACTCTTGCATTAGTGTGCGGTTGCCTGGCA  
 CCATGTCAAGTGAATCAGAACAGTTGACAGGTGTCCTTTAGATGACTCTGCAATCACAC  
 CAATGTGTGAAGTACAGGCGGCCGTTTCAATTCTGTGTCTTCCAAGAATGCTTAATC  
 AGTGTCTGGAGTCTTGGTGCAGAAAGTACAAAGTGGGGTGGTAATAAACTTTGAAAAAG  
 CAGGACCAGATCCTTCCCTGTAGAAGATGGGCAGCCAGATATATCAAGGCCCTTTGGAT  
 CTCAGCCTTGGCATAGCTGTCACAACTCATATATGTCAGACCAATCCTAAAAGTGGGG  
 TTCCTATAGGTCATTGGCCTGTTCCAGAGTCTTTTGGCCAGATCAAAATTCGCCAACAC  
 TACCACCTCGTACATCTCATCTGTAGTGAAGTTTCTGTACAGACTGTGAACCAATGG  
 TTATTGATAAACTTCTTTTACAAAATATGAGTTGGAACCTTCACCACTGACTCAATTTA  
 TCCTGAAAGGAAATCTCCTCAAACATGTTGGCAGGTGTACGTGAGCAATAGTGCAAAAT



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ACAGTGAACCTGGTCATCCTTTGGTACTTGAAAGCCAGTACAGCACTGAACTGTGTCA  
 ACTTATTTGTGATGCCTTACAATTATCCAGTCCTTCTCCCTCTTAGATGACTTGT  
 AAGTGCATAAAGCAAAACCAACATTGAAGTGGAGACAGTCATTTGAAAGTTATTTGAAGA  
 CAATGCCTCCCTACTATCTTGGGCCCTTGAAGAAAGCTGTTAGGATGATGGGAGCACCTA  
 ACCTAATAGCAGACAGTATGGAATATGGACTTAGTTACAGTGTCAATTTACACCTCAAAA  
 AACTGAGTCAACAGGCCAAAAATAGAATCTGATCGAGTCATTGGATCTGTAGGCAAAAAAG  
 TAGTACAGGAGACTGGAATAAAAGTCCGGAGCCGATCACATGGTTTATCAATGGCATATA  
 GGAAAGATTTTCAACAACCTCCAGGGAATTTAGAGGATGTCCTCACAGACTGCTAG  
 ACCTTAATATGAAGGAATACACTGGGTTCCAAGTTGCTTTGCTGAATAAGGATTTGAAGC  
 CACAGACATTTAGAAATGCTTATGACATACCAAGACGAAATCTTTGGATCACTTAACAA  
 GAATGAGATCTAATCTTTGAAGAGCACTCGCAGATTTCTGAAAGGACAGGACGAAGATC  
 AAGTGCACAGTGTTCCTATAGCACAAAATGGGAACTACCAGGAATACCTCAAGCAAGTAC  
 CTTCTCCACTAAGAGAACTTGATCCTGATCAGCCACGAAGTTGCATACATTTGGCAACC  
 CCTTTAAGCTGGATAAGAAGGTATGATGATAGATGAAGCAGATGAATTTGTGGCTGGAC  
 CTCAAAAATAAACATAAACGACCCGGAGAACCAAAATATGCAAGGGATCCCTAAAAGACGTC  
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 CATCTTCTCCAGCCAGTTTACTGGAACGGCCAACCAATCATATGGAGGCTCTTGGTCATG  
 ACCATTTAGGAACCAATGACCTCACTGTTGGTGGATTTTGTAGAAAATCATGAGGAGCCAA  
 GAGATAAAGAACAATGTGCTGAAGAGAACATACCAGCATCTTCACTCAACAAAGGAAAGA  
 AATTGATGCATTGCAGAAGCCATGAAGAGGTCAATACTGAACTAAAAGCACAAAATATGA  
 AAGAGATCCGAAAAGCCAGGAAGAAAATATGAAAGAATCTTCACTTTACTGAAGCATGTGC  
 AAGGCAGTTTACAACAAGACTAATATTTTACAATAATGTCATTAAGAAGCATCAAGGT  
 TAAAAAACAAGTCTAATAGAACAACTGGAGAATCTTGGATGAAATTCATCGAAGAG  
 CCAATCAGATCAACCATATTAATAGCAATTAAGAAAATAGAATGTGGCCACTTATTTTC  
 ACTATCTTCTCAAAATACAAAGTAAATACAAGACTGTTGTGATCTTGCATTCATTTCTG  
 ACATGCATTGTTGGCTATTTGAAATACTAAAAGCAAATCTACAGATCCTTTTCCATCAT  
 TTTACAGTGACCTTTTCTCATTTTGGTTATTTTGTAAATGTGAAAAGTATCACTCTAA  
 AAAACATTTTTAATTTAACAACATAAAAATATTCTCCAATCTCTTGTGTCATTGAC  
 TCTTGCCTGTCAATTTCCCTCAGGTTCTATTTTCTTAAACCAACCTTTAAATTTGTCACC  
 TCTGTTAAGGTTGAACCTTGGCAAAAAAAGAAAGTTACTTTGTAATTTTGGGGAAAAA  
 AGCACATACATTAACAACTAGGTAATGTTTTGTATATACAGTTATTTTGGATATATTATTG  
 TAAGTTGTACAAATGATTTTGAAGAATATTTAAGAAAAGCACTTTTGTATTCCATCAA  
 TAAATGCTCTATTTTAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM\_012141
- 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:**

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:** [NM\\_012141.2](#), [NP\\_036273.1](#)

**RefSeq Size:** 7465 bp

**RefSeq ORF:** 2664 bp

**Locus ID:** 26512

**UniProt ID:** [Q9UL03](#)

**Cytogenetics:** 13q14.3

**Protein Families:** Druggable Genome

**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]  
Transcript Variant: This variant (1) encodes the longest isoform (a).