

Product datasheet for **SC115535**

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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC115535 sequence for NM_012141 edited (data generated by NextGen Sequencing)

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ATGCCCATCTTACTGTTCTGATAGACACGTCTGCCTCTATGAACCAGCGCAGCCATCTG
GGCACCACCTACCTGGACACGGCCAAAGGCGCGGTAGAGACCTTCATGAAGCTCCGTGCC
CGGGACCTGCCAGCAGAGGAGACAGGTATATGCTGGTCACTTTCGAAGAGCCGCCAT
GCTATCAAGGCTGGATGGAAGAAAAACCATGCAACGTTTATGAATGAATTGAAAAACCTT
CAGGCTGAAGGACTTACGACTCTTGGCCAATCCCTAAGGACAGCTTTTGATTTTAAAT
TTAAATAGATTAGTAAGTGGCATAGACAATATGGGCAGGGAAGAAACCCTTTTTCTTG
GAGCCAGCAATAATTATCACAATTAAGTGGGAGCAAGTTGACTACCACCAGTGGAGTC
CAGGATGAGCTTCATTTACCTCTTAATTCTCCTTTGCCTGGAAGTGAATTGACCAAGGAA
CCTTTTCGTTGGGATCAGAGACTCTTTCATTAGTGTGGCGTTGCCTGGCACCATGTCA
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GAGTCCTTGGTGCAGAAAGTACAAAGTGGGTGGTAATAAACTTTGAAAAAGCAGGACCA
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CGTACATCTATCCTGTAGTGAAGTTTTCTGTACAGACTGTGAACCAATGGTTATTGAT
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TCTCCACTACTAAGAGGCAGACAGCAGAATCCTGTTGTAAACAATCATATTGGGGGAAAA
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CATTGCAGAAGCCATGAAGAGGTCAATACTGAACTAAAAGCACAAATAATGAAAGAGATC
CGAAAGCCAGGAAGAAAAATGAAAGAATCTTCACTTTACTGAAGCATGTGCAAGGCAGT
TTACAAACAAGACTAATATTTTTACAAAATGTCATTAAGAAGCATCAAGGTTTAAAAAA
CGAATGCTAATAGAACAACCTGGAGAACCTTCTGGATGAAATTCATCGAAGAGCCAATCAG
ATCAACCATATTAATAGCAATTA

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Clone variation with respect to NM_012141.2

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_012141 unedited</p> <pre>GGATATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGTGACACCGCC GGGGTGCAGGGAGTCCCTGAAACTTCTCCCAACAGCCCAGGGCCAATCTTCCCTCAG CCCCTCCCTCTTCGCCAGCTCCCAGGTCCTCCACTCTGTACCGGGGTGGGGTGGGA GCCAGGCCGCTCCCCTGGGACACACAGGGCCGGGAGCGGGACGGGACCCCGA GGCGGGGGGACGAACCGACAGACAGACGGCTGGGCGCCCGCCAGCGGCAGGCAGG AGGAGGAGCGGAGCGGGGTACGACGGGAGCACTGGGTCTGGGGAGTTTCTCTCAA CTATCGGGGAGAACTCCCGCAGCCGGAGGAAAGACCCAGACAGTGTTTTCTCCCG GGCCGTGCTCCCGCCCGCGTAGCGCGGTGCGCCGACCGGCGCTCCACCTCTAC CATCTCTCTTTCTCCACCACCTCGGGCCCGGTGTCGGCCAGCACTATGCCATCT TACTGTTCTGATAGACACGTCTGCCTCTATGAACCAGCGCAGCCATCTGGGCACCCT ACCTGGACACGGCCAAAGGCGCGGTAGAGACCTTCATGAAGCTCCGTGCCGGGACCCTG CCAGCAGAGGAGACAGGTATATGCTGGTCACTTTCGAAGAGCCGCCCTATGCTATCAAGG CTGGATGAAAAGAAAACCATGCAACGTTTATGAATGAATTGAAAAACCTTCAGGCTGANA GACTTACGACTCTTGCCCAATCCCTAAGGACAGCTNNTGATTTATTAATTTAAATAGAT TAGTAACTGGCATAGACAACATATGGGCAGGNAAGAAACCTNTTNTCTGNAGCCAGCA TATTATACAATACTGATGGGAGCAGNTGACTACACAGTNGAGTCCCAGAGAGCTCATT CCTCTAATCTCTGCCTGAN</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_012141 unedited</p> <pre>GGACAAAATCGCCCTCGATGTTTTTTATTAACCAGNACATTTATTGATGGAATAACAAA TGCTTTTCTTAAATATTCTTCAAATACATTTGTACAACCTACAATAATATATCCAAAAT AACTGTATATACAAAACATTACCTAGTTTTAATGTATGTCTTTTTTCCCAAAAATTAC AAAGNAACTNCTTNTTTTTTTGTCCTCCCATCCTTAACAGAGGTGACAATTTTAAAG GTTGGTTAAGAAAATAGAACCTGAGGGAAATTGACACGCAAGAGTCAATGACAAGCAAG AGATTTGGAGGAATTTTTAGTTTGTAAATTAATGTTTTTAGAGTGATACTTTT CACATTACAAAATAAACAAAATGAAGAAAAGTCACTGTAAAATGATGGAAAAGGAT CTGTAGATTTGCTTTTAGTATTTCAAATAGCCAACAATGCATGTCAGAAAATGAATGCAA GATCACAACAGNCTTGTATTTACTTTGTATTTGAAGAAGATAGTAAAATAAGTGCCACA TTCTATTTTCTTTAATTGCTATTAATATGGTTGATCTGATTGGCTCTTCGATGAATTTT ATCCAAGAAGTTCTCCAGTTGTTCTATTAGCATTGTTTTTTTAAACCTTGATGCTTTT AATGACATTTNTGAAAAATATTAGNCTTGGTTGTAACCTGCCTTGACATGNCCTCAGTA AGNAAAGATTCTTTCATATTTCTTCTGGCTTTCGGATCTTTTATTATTTGNGCTTTT ATTCAATATTGACCTCCTCATGGCTTCTGCAAGCATCAATTTTCTTTGTGAATGAAA AGCTGGAATGTCTCTCCACAACATGNCTTTATCTCTGCCCTCCATGATTTCTAAAATCCC CACGGGAGGCATGGCCCTAAAGGCTACCAAAACCCCTTGATGGTTGGCCGCATAACGG CTGAAAAAACTAAT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_012141
Insert Size:	3900 bp
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).
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:	NM_012141.1 , NP_036273.1
RefSeq Size:	3690 bp
RefSeq ORF:	2664 bp
Locus ID:	26512
UniProt ID:	Q9UL03
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 (1) encodes the longest isoform (a).</p>