

## Product datasheet for **SC122486**

### DDX51 (BC012461) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DDX51 (BC012461) Human Untagged Clone
Tag:	Tag Free
Symbol:	DDX51
Synonyms:	DEAD (Asp-Glu-Ala-Asp) box polypeptide 51; Dead box protein 73D-like; DKFZp686N2081; MGC42193
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC012461 edited

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CGGACGCGTGGGCGCACCACTACGTGCCCTGCAGCCTCAGCTCTAAGCCGCTGGTCGTCC
TGCACCTGGTCTGGAGATGGGCTTCTCGAGGGTTCTCTGCTTCACTAACTCCCAGAGA
ACTCCCACAGGCTCTTCTGCTGGTGAAGCTTTTGGGGTGTGGACGTGGCTGAGTTCT
CCTCGCGCTACGGGCTGGCCAGAGGAGGATGATCCTGAAGCAGTTTGAACAGGGGAAGA
TCCAGCTGCTCATCAGCACGGACGCCACCGCGCAGGCATCGACGTGCAGGGTGTGGAGC
TGGTGGTGAACACGACGCCCCCAGTACCTGAGAACCTACGTGCACCGGTTGGGAGGA
CAGCTCGCGCTGGGAAAAGTGGACAGGCCTTCACTGCTCCTGAAAGTGCAGGAGAGGA
GATTCTCCGAATGCTAACTGAAGCTGGGGCACCTGAGTTGCAGCGGCACGAGCTCTCCA
GCAAGCTGCTGCAGCCGCTGGTTCTCGGTACGAGGAGGCCCTGTCCCAGCTGGAGGAGT
CTGTCAAGGAAGAGCGCAAGCAGAGGGCGGCTAGGCTGGGGCTCAGAGGGCCGGAGGGA
CTGAACGCTCACCACCCTGACCCTCCTTCCAGAGCAGTGTGATCACTGGATCCTGTATG
TGAGGAAAGGAATCCCCAGTGGACACAGCCTTCTCCCAAGCACGTGGTCTCTGCGCC
AGGCAGCCCGGGCTCAGAGCTCAAGCACCTGCCCGACTGGAGACTTCAGGGCTTGTC
CTTTCAGAGTGTGGAGGTGAGGTGCTGCGGGCAATGAAGCCTTAGTAAACCGTGAAA
AGTACTCCAGACGGACGCGGGCACCCGTATGCTTTTGTGAGAGTTGGGGGCATTAAC
CTTGAGCTAATGTAAAAATCAAGCTCTTGCCAGGCATGGTGGCTCATGCTGTAAATTC
CAGCACTTTGGGAGGCCAAGCGGGTGGATCACCTGAGGTACAGATTCGAGACCAGCCT
GACCAACATGGAGAAACCCTGTCTCTACTAAAAATACAAAATTAGCCAGGAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC012461 unedited NNGGTTCGAATTTGTATACGACTCATATAGGGCGGCCGCGATTCCCAGGATATCGTCGAC CCACGCGTCCGCGGACGCGTGGGCGCACCCTACGTGCCCTGCAGCCTCAGCTCTAAGCC GCTGGTCGTCCTGCACCTGGTCTGGAGATGGGCTTCTCGAGGGTTCTCTGCTTCACTAA CTCCCCGAGAGAACTCCCACAGGCTCTTCTGCTGGTGAAGCTTTGGGGGTGTGGACGT GGCTGAGTTCTCCTCGCGCTACGGGCTGGCCAGAGGAGGATGATCCTGAAGCAGTTTGA ACAGGGGAAGATCCAGCTGCTCATCAGCACGGACGCCACCGCGGAGGCATCGACGTGCA GGGTGTGGAGCTGGTGGTGAACCTACGACGCCCCAGTACCTGAGAACCTACGTGCACCG GGTTGGGAGGACAGCTCGCGCTGGGAAAAGTGGACAGGCCTTCACTGCTCCTGAAAGT GCAGGAGAGGAGATTCTCCGAATGCTAACTGAAGCTGGGGCACCTGAGTTGCAGCGCA CGAGCTCTCCAGCAAGCTGCTGCAGCCGCTGGTTCCTCGGTACGAGGAGGCCCTGTCCCA GCTGGAGGAGTCTGTCAAGGAAGAGCGCAAGCAGAGGGCGGCCTAGGCTGGGGCTCAGAG GGCCGGAGGGACTGAACGCTCACCACCCTGACCCTCCTCCAGAGCAGTGTGATCACTG GATCCTGTATGTGAGGAAAGGAATCCCCAGTGGACACAGCCTTCTCCCAAGCAGTG GTCTCTGCCAGGCAGCCGGGCGTCAAGCTCAAGCACCTGCCCGACTGGAGACTTC ANGGCTTGTCACTTTAGAGTGTGGNAGTCAGGATGGCTGCNNGCATGAAGCCTAGTAAA ACGTGAAAAGTACTCCAGACGGAC
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC012461
<b>Insert Size:</b>	1114 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC012461.1</a></u> , <u><a href="#">AAH12461.1</a></u>
<b>RefSeq Size:</b>	1114 bp
<b>Locus ID:</b>	317781
<b>Cytogenetics:</b>	12q24.33
<b>Gene Summary:</b>	ATP-binding RNA helicase involved in the biogenesis of 60S ribosomal subunits. [UniProtKB/Swiss-Prot Function]