

Product datasheet for **SC304717**

DHX33 (NM_020162) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DHX33 (NM_020162) Human Untagged Clone
Tag:	Tag Free
Symbol:	DHX33
Synonyms:	DDX33
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF sequence for NM_020162 edited
 ATGCCGGAGGAGGCGGGCTTCCCGCCGCCAAGAGATTCCGGCCAGGCTCTGGACCTCCG
 AGCCGCGCTGGGTCTTCCCTCCCGGAGGCAAGTGGTGATGCTGCTGACTGCGGGCAGC
 GGCGGCAGAGGAGGAGGAGGAGGCGGAGGCAGCAGCCGCCCTGGCCAGCCCTCGGCC
 AGTCCCTACCTGAAGCTGTGGAGCTGCAGCGCCGAGTCTGCCATCTTCCAAGCGCG
 GGGCAACTGTTGGCCAGCTCCGAAACCTGGACAACGCGGTCTCATCGGGGAACTGGC
 TCTGGGAAGACAACTCAGATCCCTCAGTACCTGTATGAAGGAGGGATCAGCCGCCAGGGC
 ATCATTGCTGTGACCCAGCCTCGTCGAGTAGCTGCCATCTCTTTGCTACTAGAGTCTCA
 GATGAGAAGAGAACTGAACCTGGGAAGCTGGTTGGCTATACAGTGCCTTTGATGATGTC
 ACCTCAGAAGACACCAGGATCAAGTTTCTGACAGATGGCATGCTTCTGCGTGAAGCAATT
 TCAGACTCTTTGCTTCGAAATACAGCTGTGTCATTTTGGATGAAGCTCACGAACGGACT
 ATCCACACAGATGTGCTCTTTGGAGTGGTGAAGCTGCACAGAAGAGGAGAAAGGAACTC
 GGGAAACTTCTCTGAAAGTGATTGTGATGTCAGCTACGATGGATGTGGACCTGTTCTCT
 CAGTATTTCAATGGCGCCCCGCTCTACCTAGAGGGTGGCAGCATCCGATCCAGGTG
 TTTTACACCAACAGCCTCAGAATGATTACCTGCACGCCGCGCTTGTCTCCGTCTCCAG
 ATCCACCAGGAAGCCCCCTTCTTACAGGACATCCTGGTGTCTCTACTGGGCAGGAGGAG
 ATCGAAGCCATGAGCAAGACGTGCCGAGACATTGCAAAGCACCTCCCAGACGGCTGCCCT
 GCGATGTGGTCTTCTCTGTACGCCTCCCTGCCCTATGCACAGCAGCTCCGAGTCTTC
 CAAGGGGCCCCAAAGGGCTATCGCAAAGTGATCATTTTCAACCAACATCGTGAAACCTCC
 ATAACCATTACAGGAATAAAATATGTAGTTGACACGGGCATGGTTAAAGCAAAGAAGTAT
 AACCTGACAGTGGTCTTGAGGTGTAGCAGTGCAGCGGTATCGAAGACGCAGGCTTGG
 CAGCGCACAGGGAGGGCTGGCAGAGAGGACAGTGGCATCTGCTACCGGCTCTACACGGAG
 GACGAGTTTGAGAAGTTTGATAAGATGACCGTGCCAGAGATCCAGAGGTGTAACCTGGCC
 AGTGTGATGCTTACGCTTCTAGCAATGAAAGTCCCAAATGTGCTCACCTTTGACTTCATG
 TCGAAGCCATCTCCAGATCACATTACAGCGGCCATTGCCCAACTGGACCTGTTAGGTGCT
 CTTGAACATAAGGATGACCAGCTTACCCTGACTCCAATGGGAAGAAAGATGGCAGCATTT
 CCTTTAGAACCCAAATTTGCCAAAACCATCCTCATGTCCCCCAAATTCCTGTACAGAG
 GAGATCTGACCATGTCTCCCTGCTGTCTGTGGACAGCGTCTCCACAACCTCCTTCC
 CGGCGAGAGGAAGTGCAAGGGTCCGCAAGAAGTTCATATCCAGCGAGGGGGATCACATG
 ACCCTGCTCAATATCTATCGGACCTTCAAAAACCTAGGCGGAAATAAGGATTGGTGCAAA
 GAGAATTTTGTAACAGCAAGAATATGACGCTGGTAGCAGAAAGTACAGCACAGCTGAGG
 GACATCTGCTTAAAGATGTCAATGCCAATCGCATCATCCCGAGGAGACGTGGAGAGTGTC
 CGCCGCTGCCTGGCTCACAGCCTCTTCATGAGCACCGCCGAGCTTCAGCCAGATGGCACC
 TATGCCACCACGGACACCCACCAGCCAGTGGCCATCCACCCGTCGTCTGTCTCTTCCAC
 TGCAAGCCGGCTGCGTCGTGTACACTGAGCTGCTCTACCAACAAGTGTACATGCGG
 GACCTCTGCGTCATAGATGCACAGTGGCTGTACGAGGCTGCCCTGAGTACTTTAGGAGG
 AAGCTGAGAACC GCCAGAACTGA

Restriction Sites: Please inquire

ACCN: NM_020162

Insert Size: 2500 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).

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:	<u>NM_020162.2, NP_064547.2</u>
RefSeq Size:	4075 bp
RefSeq ORF:	2124 bp
Locus ID:	56919
UniProt ID:	<u>Q9H6R0</u>
Cytogenetics:	17p13.2
Gene Summary:	This gene encodes a member of the DEAD box protein family. The DEAD box proteins are characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.