

Product datasheet for **SC310133**

DHX32 (NM_018180) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | DHX32 (NM_018180) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | DHX32 |
| Synonyms: | DDX32; DHLP1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >SC310133 representing NM_018180.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGAAGAAGAAGGGCTGGAGTGTCAAACCTCTCCTCGAAAAACGCTATTTTCCTGAATCCCTGGAT
TCCAGCGATGGGGATGAGGAAGAGGTTTGGCCCTGTGAGGATTTGGAACCTAACCCCTTTGATGGATTG
CCATATTCATCAGTTATTATAAACTTCTGAAAGAAAGAGAAGATCTTCCTATATGGAAAGAAAAATAC
TCCTTTATGGAGAACCTGCTTCAAATCAATCGTGATTGTTTCAGGAGATGCTAAATGTGGTAAGAGC
GCTCAGGTTCTCAGTGGTGTGCTGAATATTGTCTTTCCATCCACTACCAGCACGGGGCGTGATATGC
ACACAGGTCCACAAGCAGACTGTGGTCCAGCTCGCCCTGCGGGTGGCGGATGAAATGGATGTTAACATT
GGTCATGAGGTTGGCTACGTGATCCCTTCGAGAAGTGTGTACCAACGAAACAATCCTGAGGATTGT
ACTGATGATATGCTGAAAGAGAAATGATGTCCAATCCTTTTTGGGTAGCTATGGGGTCATCATCTTA
GATGATATTCATGAAAGAAGCATTGCAACTGATGTGTTACTTGGACTTCTAAAGATGTTTTACTAGCA
AGACCAGAAGTGAAGCTCATAATTAACCTCACCTCACCTGATCAGCAAACCTCAATTCTATTATGGA
AACGTGCCTGTACATAGAAGTAAAAATAAACACCTGTGGAGGTTGTGTACCTTAGTGAGGCTCAAAG
GATTCTTTGAGTCTATTTACGCCTTATCTTTGAAATTCACCACTCGGGTGAGAAGGTGACATTGTA
GTCTTTCTGGCCTGTGAACAAGATATTGAGAAAGTCTGTGAAACTGTCTATCAAGGATCTAACCTAAC
CCAGATCTTGGAAGTGGTGGTTGTTCCCTTTGTATCCAAAAGAGAAATGTTCAATTGTTCAAGCCACTC
GATGAAACAGAAAAAGATGCCAAGTTTATCAAAGAAGAGTGGTGTAACTACTAGCTCTGGAGAGTTT
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AGAATAAGAGCAAACCTCGCTCGTCATGCAGCCCATCAGCCAGAGCCAGGCAGAGATACGCAAGCAGAT
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CCACTGAAGCCAGCAGAAATGCAGGAAGCAACCTAACCAAGCATGGTGCTTTTTATGAAGAGGATAGAC
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GACTTAGATTATCTGGCAGCACTGGATAATGATGGAAATCTTTCTGAATTTGGAATCATCATGTCAGAG
TTTCTCTTGATCCACAACCTCTCGAAGTCTATCTTAGCGTCTGTGAATTTGACTGTGTAGATGAAGTG
CTAACAAATCGCAGCCATGGTAACAGCTCCAAATGCTTTTACATGTGCCACATGGAGCTGAAGAGGCT
GCCTTGACTTGTGGAAGACATTTTACATCCCAGGAGATCACTTTACCCTCATCAGCATTTACAAG
GCTTACCAAGACACAACCTCTGAATCTAGCAGTGAGTACTGTGTGAAAAGTGGTGTGCGTACTTCTC
CTCAACTGTTCAGCACTCAGAATGGCAGATGTTATTCGAGCTGAACTCTTAGAAATATCAAGCGAATC
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TCCGGTACTTTATGCAGATTGCTCGGGATGTTGATGGATCAGGTAACCTACTTAATGCTGCACATAAG
CAGGTTGCTCAGCTGCATCCCCTGTCTGGTACTCAATCACCAAGAAGATGCCAGAGTGGGTCTCTTC
CATAAATTCAGCATTTCTGAGAACAACATACATCAGGATTACCTCAGAAATCTCTCCTGAACTATTTATG
CAGCTGGTACCACAATACTATTTAGTAATCTGCCTCCTAGTGAAAGTAAGGACATTCTACAGCAAGTA
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GAACAGAGATGCACTCTCCAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map: □

ACCN: NM_018180

Insert Size: 2232 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).

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| 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: | NM_018180.2 |
| RefSeq Size: | 3070 bp |
| RefSeq ORF: | 2232 bp |
| Locus ID: | 55760 |
| UniProt ID: | Q7L7V1 |
| Cytogenetics: | 10q26.2 |
| Domains: | HA2 |
| MW: | 84.4 kDa |
| Gene Summary: | DEAD box proteins, 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. This gene encodes a member of this family. The function of this member has not been determined. Alternative splicing of this gene generates 2 transcript variants, but the full length nature of one of the variants has not been defined. [provided by RefSeq, Jul 2008] |