

Product datasheet for **SC329082**

DHX40 (NM_001166301) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DHX40 (NM_001166301) Human Untagged Clone
Tag:	Tag Free
Symbol:	DHX40
Synonyms:	ARG147; DDX40; PAD
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001166301, the custom clone sequence may differ by one or more nucleotides

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ATGTCCCAGTTTCCCGCAGTCGCGGGCAGGGCGCCAAGGCGGCAGGAGGAGGGTGAGCGG
TCAAGAGACCTCCAGGAAGAGCGGCTCTCGGCTGTTTGCATCGCCGATAGAGAAGAGAAA
GGATGCACGTCCAGGAGGGAGGAACACTCCAACCTTTTCTATTCAGAAACAAAGAAAA
AAGATTATCAAGCTGAGACAGCAATCAATATATGACTGATGGATGTTTACTGAAACAT
ATTCTGGGAGACCCAAATCTTACCAAATTCAGTGCATTATTTTGGATGAAGCCCATGAA
AGAACTCTAACTACAGATATCTTATTTGGTTTATTGAAGAAGCTATTTTCAGGAGAAGTCT
CCTAATAGGAAGGAGCATTTAAAAGTGGTGGTAATGTCAGCAACTATGGAATTAGCCAAG
CTCTCTGCATTCTTTGAAATTGTCCAATATTTGATATACCTGGAAGGCTTTATCCAGTC
AGAGAGAAATTCTGCAATTTGATTGGTCCACGAGACAGAGAAAATACTGCGTATATTCAA
GCGATTGTGAAAGTACCATGGATATCCATTTGAATGAAATGGCTGGAGACATCTTGGTT
TTTCTGACTGGCCAGTTTGAAATAGAAAAAAGTTGTGAGTTACTTTTCAGATGGCAGAG
TCTGTTGATTATGATTATGATGTTCAAGATACCACCCTCGATGGCTTGTTAATATTGCCG
TGTTATGGATCAATGACAACAGATCAACAGAGGAGGATATTTTGGCCACCACCTGGA
ATTAGAAAATGTGTCATATCCACCAATATTTCTGCAACGCTTTTGACAATAGATGGAATC
AGATATGTGGTAGATGGTGGCTTCGTGAAGCAGTTAAATCACAACCCAGATTAGGGTTG
GACATCTTGAGGTGGTTCCAATTTCAAAGAGCGAGGCATTACAGCGAAGTGGCCGAGCT
GGCAGGACTTCTTCAGGAAAATGCTTTCGGATCTATAGTAAAGATTTTGGAAACAGTGT
ATGCCTGACCATGTGATCCCTGAAATTAAGAGAACTAGTTTGACATCTGTAGTTCTGACC
TTAAAGTGCTTGCCATACAGATGTGATAAGGTTTCCCTATTTGGATCCACCTAATGAG
AGACTTATTTAGAAGCTCTTAAACAACCTTACCAGTGTGATGCTATTGACAGGAGTGGC
CATGTACCCAGATTGGGTTTGTCTATGGTGGAGTTTCCCTTGCCTCCACATCTGACATGT
GCAGTAATAAAAGCTGCTTCCCTGGATTGTGAAGATCTACTACTTCCAATAGCAGCAATG
TTGTCTGTGGAACAGTCTTCATTAGACCTGTTGATCCAGAGTACCAGAAGGAAGCAGAA
CAGAGACATCGAGAATTGGCAGCTAAAGCTGGAGGATTTAATGACTTTGCAACTTTAGCT
GTCATCTTTGAACAATGCAAAATCAAGTGGAGCTCCAGCTTCATGGTGCCAAAAACACTGG
ATTCATTGGAGGTGCTTATTTTCTGCATTTCTGTGTGAAGCTCAACTTCGAGAACTAATC
AGGAAGCTTAAACAGCAAAGTGATTTCCCAAAGAGACCTTTGAAGGCCCTAAACATGAA
GTACTACGAAGATGTCTTTGTGCGGGCTATTTCAAAAATGTAGCTCGAAGATCTGTTGGG
AGAAGCTTTTGCACAATGGATGGTGGTGAAGCCAGTTCACATTCATCCTTCTCAGCA
CTTCATGAACAGGAAACCAAACCTGAATGGATCATTTTTCATGAGGTATTGGTTACCACC
AAAGTCTACGCAAGAATTGTATGCCCAATCCGTTATGAATGGGTAAAGAGACTTGTACCC
AAGTTGCATGAATTTAATGCACATGATTTGAGCAGTGTGGCCCGACGTGAAGTGAGAGAA
GATGCAAGAAGGAGATGGACAAATAAGGAAAATGTAAAGCAGCTAAAGGATGGAATATCG
AAAGACGTCTTAAAGAAAATGCAAGAAGAAATGATGACAAATCCATATCTGATGCACGG
GCTCGTTTCTTGAGAGAAAGCAGCAGAGGACCCAGGACCACAGTGACACACGAAAGGAA
ACAGGCTAA
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Restriction Sites: Please inquire

ACCN: NM_001166301

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_001166301.1, NP_001159773.1</u>
RefSeq Size:	3451 bp
RefSeq ORF:	2109 bp
Locus ID:	79665
UniProt ID:	<u>Q8IX18</u>
Cytogenetics:	17q23.1
Gene Summary:	This gene encodes a member of the DExH/D box family of ATP-dependent RNA helicases that have an essential role in RNA metabolism. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 17.[provided by RefSeq, Oct 2009] Transcript Variant: This variant (1) has multiple differences in the coding region compared to variant 1. The encoded isoform (2) is shorter than isoform 1.