

Product datasheet for **SC201232**

DHX16 (NM_003587) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DHX16 (NM_003587) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DHX16
Synonyms:	DBP2; DDX16; NMOAS; PRO2014; Prp2; PRP8; PRPF2
ACCN:	NM_003587
Insert Size:	145 bp
Insert Sequence:	>SC201232 3'UTR clone of NM_003587 The sequence shown below is from the reference sequence of NM_003587. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ATAGGCAAAACACGAGAAGAGCTAGGGTAAAGAGAAGGACGTAAACAGAACCTGACACCAGCTCCTTTTC CTTCTATACATTATTTAATACCTATTAATAAAATTATTTTTGGAATAAAGCTTGTGGGAACATTGGG ATCTAGA ACGCGT AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_003587.5</u>



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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 family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is a functional homolog of fission yeast Prp8 protein involved in cell cycle progression. This gene is mapped to the MHC region on chromosome 6p21.3, a region where many malignant, genetic and autoimmune disease genes are linked. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2018]

Locus ID:

8449

MW:

5.4