

## Product datasheet for **SC203292**

### DDX19B (NM\_001014451) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** DDX19B (NM\_001014451) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** DDX19B  
**Synonyms:** DBP5; DDX19; RNAh  
**ACCN:** NM\_001014451  
**Insert Size:** 261 bp  
**Insert Sequence:** >SC203292 3' UTR clone of NM\_001014451  
The sequence shown below is from the reference sequence of NM\_001014451. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site  
**Blue**=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

GGACACAGATGATTTGGACGAGATTGAGAAAATAGCCAACTGAGAAGCTCCACCAGCCACTGATGCCAGC  
CCTGGCACTGCCCTGCACAGGAGACAAGTGCGTTCAGGGCACAGGCCCCGACATCACCCCAAGGACAAC  
GGCACAAGTAGAGAGAACTACCTACCTCACTTCAAATTATGTTTGGACTTGACAAAAATGTATGCAAAT  
GATGGGGGATGGTAGAAAAAATTATTTACACAACCTTGAAGATTAGGCA

ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG

**Restriction Sites:** SgfI-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:** [NM\\_001014451.1](#)



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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 exhibits RNA-dependent ATPase and ATP-dependent RNA-unwinding activities. This protein is recruited to the cytoplasmic fibrils of the nuclear pore complex, where it participates in the export of mRNA from the nucleus. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:**

11269