

## Product datasheet for **SC203250**

### DDX27 (NM\_017895) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** DDX27 (NM\_017895) Human 3' UTR Clone  
**Symbol:** DDX27  
**Synonyms:** dj686N3.1; DRS1; Drs1p; HSPC259; PP3241; RHLPL  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_017895  
**Insert Size:** 269 bp  
**Insert Sequence:** >SC203250 3'UTR clone of NM\_017895  
 The sequence shown below is from the reference sequence of NM\_017895. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTAAATCCAGATACAAGAGGAGGAAGTAGCTGTCGTGGCCTGAAGAAATTCATGGGGCAGCCCTTAA
ATCCCTCCCTGTGGGAAGTCATCCTGGCTGGTCTGTCTTTTCTCCATTTGTTTAAAAAAAAAACAAAA
ACAAAAACAACACTTTGGTGTGGTGGTATGGTACGTAGCTATTTTCTAAGCATGTCTGTCAATCTCC
CTTCTTGCTGATTAGCTTTCATATGACTATATTAATGGAAGTATTTTGGGAAAAGAGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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\\_017895.8](#)



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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 involved in the processing of 5.8S and 28S ribosomal RNAs. More specifically, the encoded protein localizes to the nucleolus, where it interacts with the PeBoW complex to ensure proper 3' end formation of 47S rRNA. [provided by RefSeq, Jan 2017]

**Locus ID:** 55661

**MW:** 10.7