

Product datasheet for **SC209371**

DDX23 (NM_004818) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: DDX23 (NM_004818) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: DDX23
Synonyms: prp28; PRPF28; SNRNP100; U5-100K; U5-100KD
ACCN: NM_004818
Insert Size: 743 bp
Insert Sequence: >SC209371 3'UTR clone of NM_004818
 The sequence shown below is from the reference sequence of NM_004818. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGCGCCGGGAAGAGACCATCTTTGCCTGACACAGCACTTTCCTGTGGGCTGAGGGCATCTCCAAAGC
TGCCGTGATGCCTGTTTTTCAGAACCCTCACATCCCTCTTCCAGGTCCTCACTCTTGGGATATGGGGGC
TTAGGAAAACAATCCAACCTCCCTAGCCCAGACCCTCAGGTCAGGAGGCCTGCGTGTGGGGCTGCAAAAG
GAGAGGACGACGCTGTCCGAGGCAGGGAGAGCAAATTACCACAGCTTCTTGGCCAGTTCTGCCCTTCT
TTGCTTTGGGATTGCACTGGGCCATCAGCTCATGCCAGGCTATGGGGGACGCCAGTTGGCATTGCTCCC
CAGACTGAACAGAAACCTGGCCGCCGATGGGACCTCCTTTGGCACAGACTTGACTGTGTAAGTGCATA
AACTGCAGTAGCATATTGCCCTAGATGCCCCAGGAGACCTGGCACCATGAGGATTACAGACAGTGGAA
TCTTACTGTCTGACAGCTGTTTTCTGTTTGGATGGTAAAGGAAGTTGAGAGTCTTTAGACCTGT
GCACAGCCCCGCACCAAGGGGTGCTGTATGCTCTAGGCATCCCCCCCCAGGGGATTTTCTAAGTAGA
TGGGGGGACACGGTGAAGTGGCTGTGTCCATCTTGTCACTGAGTGAAATCTCTGTTTTCTATTCTCTG
AGAAGATAAGTTTGTATGTTCTGAGAATAAATACATGAATATTAAGACTGTTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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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_004818.3</u>
Summary:	This gene encodes a member of the DEAD box protein family. 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. The protein encoded by this gene is a component of the U5 snRNP complex; it may facilitate conformational changes in the spliceosome during nuclear pre-mRNA splicing. An alternatively spliced transcript variant has been found for this gene, but its biological validity has not been determined. [provided by RefSeq, Jul 2008]
Locus ID:	9416
MW:	27.2