OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC202718

DDX41 (NM_016222) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DDX41 (NM_016222) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DDX41
Synonyms:	ABS; MPLPF
ACCN:	NM_016222
Insert Size:	244 bp
Insert Sequence:	>SC202718 3'UTR clone of NM_016222 The sequence shown below is from the reference sequence of NM_016222. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TACCTGGCCCACAGCTCCATGGACTTCTGAGCCGACAGTCTTCCCTTCTCTCCAAGAGGCCTCAGTCCC CAAGACTGCCACCAGTCTACACATACAGCAGCCCCCTGGACAGAATCAGCATTTCAGCTCAGCTGGCCT GGGATGGGCCAGGCTGGTCCTGGCTGCCTGTTCCCTGTGCTCTTCAGAATTACTGTTTTTGTTTCCTTT TACCCCAGCTGCCATTAAAGCCCAAACCTCTAGCCCA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_016222.4

View online »

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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The protein encoded by this gene is a member of the DEAD box protein family and interacts with several spliceosomal proteins. In addition, the encoded protein may recognize the bacterial second messengers cyclic di-GMP and cyclic di-AMP, resulting in the induction of genes involved in the innate immune response. [provided by RefSeq, Jan 2017]

Locus ID: 51428

MW: 8.9