

## Product datasheet for **SC215943**

### DDX5 (NM\_004396) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	DDX5 (NM_004396) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DDX5
Synonyms:	G17P1; HLR1; HUMP68; p68
ACCN:	NM_004396
Insert Size:	1699 bp



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**Insert Sequence:** >SC215943 3'UTR clone of NM\_004396  
The sequence shown below is from the reference sequence of NM\_004396. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TATCCAATGCCAACAGGATATTCCCAATAGACTTTAGAAGTATATGTAATGTCTGTTTTTCATAATT
GCTCTTTATATTGTGTGTATCTGACAAGATAGTTATTTAAGAAACATGGGAATTGCAGAAATGACTGC
AGTGCAGCAGTAATTATGGTGCACCTTTTTCGCTATTTAAGTTGGATATTTCTCTACATTCCTGAAACAA
TTTTTAGTTTTTTTGTACTAGAAAAATGCAGGCAGTGTTCACAAAAGTAAATGTACAGTGATTTGA
AATACAATAAATGAAGGCAATGCATGGCCTTCCAATAAAAAATATTTGAAGACTGAATTAAGTGGAAAT
TGTAATTTATTTATATAATGCATGTAACCTTTGCTTAAGATGGTCTGGTTTTTTTTTTGTTTTTGT
TTGGTTTTTTTTTCCATGAAAACAAATGACTGTTCTTTTTATTTAATTTGGGAGGCAGGGGGAATCA
GAAGGCCCTTCTTATAATGAGCTATTCATATTGCAGGAGTCAGAATGAATTGATACAGGTGAATTTTT
AGTTACAGGCTAAATTGCATAAAAGCTTTGTCCAGCTTCCAGCATCAGGGGAGTCATTTAATAGCCTTTT
TCCTTATTTGCTAGTATGGTTAAATGAGAAAATAGTAAAATAGATACAAAGTCATCTATATAGTGTGAG
AACGTGGGTGACTTTTTCAAAGTTTATAATTTAAAAAGCTCCAAATAACTGGCTTTTTCAAGAGACTTA
TACTCATGCTCTTGGCTACTGTGAATTAAGTAAATGTTGAACAAACCTGTGAAAGACATACATTAGC
CCTTTAAGATGGCCAGGAGCTAAGCTTGAGTCTCCTTTACTGAATTTCTGTTCTTAGTGCAGGTTACTTG
TAGATTCTAGTCTTACAGGCTCCCTGGGGCTCTTAAGTACACTGGGAGTCATGAATGTCTTTCC
AATAATTCAGGGAATCTAGAGATCCTCAAAGTAAAGTCTATTCATACTCAACACAAGGAAAAAACCC
TCATTAATAATTAATGACTAATCAGGAGGCAACGTAACCAAAAGCACAGTGAATGAAAGTTTTTCATGGTA
GGTTCAACATGGGTTTTATTGCTAGAAAGATCCAGGGGATAGCTTTAGGTTTAACTTCGGCTCACCACG
TAAGTTTCTAATCATTTATTTTCAGTAATAGCTAGAAGTGGGTCTGAATGTTTTCCAGAGCTGATACG
TGTTTTTTTTTGGCAGAAGAGAGGTCTTCAGGAGACTTCATTTAAATTTCTGATTATTAAGTGGCTT
TAATTGATGTTAATGCCTTATGTCAAATGTAAAGTTAGAATTTGCTAGGGCTGGGATAGGGAGTGATAT
TTCTAGGACTTAGACATTGAAAATAATCAGCCTGTAGTAACTGGATGGTTTTCAATGGCATGGTTA
GTCAAATTCATGGTTTTAACTTAGAAGCAGCTTTCGGGGGAGAGGGTAGGTTGGAGCATTATTACAT
ATTTTACTGTTTAAATGTCTTAACCGTGGCCTTTTAAATTTGTAACACTGAAATGATTGTTGGGCTGTG
GAAAACATTTACCTATTTACCTTGAAGTTTTAAAGACAGTCCACTTTTTAGCATGTGTGTGTGTCC
AGCCTGTGGTCTGCTTAACTAATAAATGTGATTTTTCTCCCA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

**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:** [NM\\_004396.5](#)

**Summary:**

This gene encodes a member of the DEAD box family of RNA helicases that are involved in a variety of cellular processes as a result of its role as an adaptor molecule, promoting interactions with a large number of other factors. This protein is involved in pathways that include the alteration of RNA structures, plays a role as a coregulator of transcription, a regulator of splicing, and in the processing of small noncoding RNAs. Members of this family contain nine conserved motifs, including the conserved Asp-Glu-Ala-Asp (DEAD) motif, important to ATP binding and hydrolysis as well as RNA binding and unwinding activities. Dysregulation of this gene may play a role in cancer development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2017]

**Locus ID:**

1655

**MW:**

65