

Product datasheet for **SC127271**

DDX6 (AK021715) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DDX6 (AK021715) Human Untagged Clone
Tag:	Tag Free
Symbol:	DDX6
Synonyms:	HLR2; P54; RCK
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for AK021715, the custom clone sequence may differ by one or more nucleotides

```

TTTTTTTTTTTTCTTTCTTTTTGGGCCCTCATAATAAGCATTGTTACTATTGGAAGTTGTTTTCA
TTCTTTCCAATATTAATATGTATTTTTTAAGTAATGATAATTTTTCCAGTGGCTCATTGGATGAG
ACTACCCTCTATTTTTAATATTAATAACTACATCCAACCTCATCTTAGCCTTTGGTTGTACAGTTGTG
ATGGGCTATGGACTGTTACACACCTTACCACCTTAGGCCTATGTTTTTCTTTCCCATATATTCTGAT
GGGGATAAATACTGTTTTGCCTCTCCCATAGGAATGGAATACATTTATTCTAAAAATGATCTTTCACAGAA
GTAAGAGAGAGGGAAACCTAAATATACCTCTAAATTTGTTTGAAGTTGGTCCCAGCAGCATAAAATGGGTT
GGCCCCAAAGGTTGGAGGGTGGCTTGGTTATCAGTATTTGTTTTCAGAATGAGATGGGAGCATCTTTC
CTTTGCCACGTGCTTTGTGCTTGATAACATCATGCTTGGTTCAAACGACAACCTCAGCACAAAGCCTTGAG
TATAAATTTGTTGGAATCAAAACATCTCATTCTGATGACGTGGTTAATTTTTTAATTTTTTTTTTAATA
GGGGTGGGAGGGAGGGTACTTTGCCCAAAGGGAGGGTGTCTGCACTAAGGATTTAGAAACACTTTGGA
AGCTCATAACCTCATCAGAACTGCCTTTAGCCCACTCTGACCTTCTAGATGAGTAACAAAAAATGA
AATAAGTTCTTGAAATTAAGCCATTTATTTAATTTGCTATTTTTTTCAATGTTCTAGGTATCTTTAAA
TATTGTGGAATCATTTTCTGCCAGATACCTTTATCAAAATTATTGGCCTCATGAGAGCTGAAGTAAGTC
AGCTTTTTTGGTGAACCTTAGTGGACTTCTGTGAGATTGTAGTTGTACTTTGTATCTCTAAATCTAAAGAT
AGTTTTTTAAACTCCCAAAGAAAATCTGCTCTCCTTTCTGATCTAAAACTCATCTTTGGGGTAAAGAG
TTAAGTGTCCAAAGGTTGTACAGTTTATGAGGTGAGGGGAGCTAGCCTGGCACCTGGACTCTGCCCAT
CCACAGCTGACAGATCCAACAGAAGTGTATTTAAATTCTCCAGTAGACAATGCTGGGTAAAGGGAGGGG
TAGGGTGGGTTATTAAGATACAGGCTGCTGTATTTACATTGGTTATGGGGGAAGGGGAGCCTGGAGAA
AACAAAGTCACTATCCCTTTTTGAAACAGGAAAAAAATTTTTTTTGTTCAGTAAAAATGGTAGAGAA
ATTCCAATGTCCCTAGCCACAAGGGACCAAGTTCCACTGAGAAGTGAACAGTGGGAACTCAAATTTCAGA
AACATTGGGGGAAGGAAAATTGGCTTTCTCTTAATTGGCAGATGTTCCAGTGGGGGGGGGGGGGCTC
TGTTTTTGTGGGATGTGTATGTTGTATGTACGCATATATGGACCGGAGTCTGCTGAGTTATAAGGTT
CCAAAAATATGGTAAAATCTGGTTTTTTGTTAATTTATCTCAATAAAAGCCCACTGGAACCTCC
    
```

5' Read Nucleotide Sequence: >OriGene 5' read for AK021715 unedited

```

GCACGAGGTAGTTGTACTTTGTATCTCTAAATCTAAAGATAGTTTTTTAAACTCCCAA
GAAAATCTGCTCTCCTTTCTGATCTAAAACTCATCTTTGGGGTAAAGAGTTAAGTGTC
AAAGGTTGTACAGTTTATGAGGTGAGGGGAGCTAGCCTGGCACCTGGACTCTGCCCAT
CCACAGCTGACAGATCCAACAGAAGTGTATTTAAATTCTCCAGTAGACAATGCTGGGTAA
AGGGAGGGGTAGGGCTGGGTTATTAAGATACAGGCTGCTGTATTTACATTGGTTGTGG
GGGAAGGGGAGCCTGGAGAAAACAAAGTCACTATCCCTTTTTGAAACAGGAAAAAA
TTATTTTTTGTTCAGTAAAAATGGTAGAGAATCCAATGTCCCTAGCCACAAGGGACCA
TTCCACTGAGAAGTGAACAGTGGGAACTCAAATTTTCAGAAACATTGGGGGAAGGAAAA
TTGGCTTTCTCTTAATTGGCAGATGTTCCAGTGGGGCGGGGGGGCTGTTTTTGTGGG
ATGTGTTATGTTGTATGTACGCATATATGGACCGGAGTCTGCTGAGTTATAAGGTTCCA
AAAATATGGTAAAATCTGGTTTTTTGTTAATTTATCTCAATAAAAG
    
```

Restriction Sites: NotI-NotI

ACCN: AK021715

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [AK021715.1](#)

RefSeq Size: 1603 bp

RefSeq ORF: 1603 bp

Locus ID: 1656

Cytogenetics: 11q23.3

Protein Pathways: RNA degradation

Gene Summary: This gene encodes a member of the DEAD box protein family. The protein is an RNA helicase found in P-bodies and stress granules, and functions in translation suppression and mRNA degradation. It is required for microRNA-induced gene silencing. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Mar 2012]