

Product datasheet for **SC102498**

DDX60 (NM_017631) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DDX60 (NM_017631) Human Untagged Clone
Tag:	Tag Free
Symbol:	DDX60
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC102498 sequence for NM_017631 edited (data generated by NextGen Sequencing)

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ATGGAAAGAAATGTTCTTACAACATTTTCACAGGAAATGTCCAGTTAATTTGAATGAA
ATGCCAAAAGCTGAATATTCCAGTTTATTCAATGATTTTGTTGAATCTGAATTTTTTTTG
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GTTTCCTTGCGTGAGCTATGTGAAAATGAAGACGACAACGTTGTCTTAGCCTTTGAACAA
CTGAGTACAACCTTTTGGGAAAAGTTAAACAAAGTCTAA

Clone variation with respect to NM_017631.5
3280 a=>n;3282 g=>n

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_017631 unedited
GGTCACATTGATACACTATTAGGCGGCCGATTGCGCCAGCCGATCCTGGCCGGTCTGGG
GTAACCTGGAACCTCCACCTGGGCTCTGCGCTAGGTCTCTGTTTCACTCCCTCCCGCGG
GGCGCGCAGCTCGCGGGTCTTTGGACACCACCGTCTGAGTCCGCGGACTGCCATTTTC
ATTAAGAAGTCCCACTTAGAGGTACCAAAATAAAGGGTATTTGCTACCTTAATACTTGC
CAGTTTCAGTTGGAGGCACAGGCAGCAGCAAGAATGGAAGAAATGTTCTTACAACATTT
TCACAGGAAATGTCCAGTTAATTTTGAATGAAATGCCAAAGCTGAATATTCCAGTTTA
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GGTCAACGTTTGTACTTTCTCAGGNCAGAATCTGATGTTCTTTGCCTTATGCATACCTT
NCTCCAGCATGTCAGACACCAGATTTTTCTGGNAGAATAGGCGACATTAGATGCTATAC
ACCTT

**3' Read Nucleotide
Sequence:**

>OriGene 3' read for NM_017631 unedited
NAAATCTATGNACCGCGCCGATTCTANATCGAGTTTTTTTTTTTTTTTTTTTAAACAGA
TCGAACCACTTTATTTCTTTGTGCTTTTCCAGTCACTTATATACAATTACAATAAAGCA
AATCATTTCTATATTTTGTAAATCATCAAAAATGTATGTTAAAAAGTAGTTTAAG
TTTACTAGAAAGTACTATCTCAATAGCTGTATAGCTAACTTATGTAAATCATATTTATGC
TAATTGAAGAGAAATATTTTACCTTCAGGATATTGTATTCATTTTTTCTAGCCTTAATA
AACATTTTATAAATACTGACACTGGGGATAAAGTTACTGATAATATTATTTACTTTGG
CTTCGCAGAGTAAAAATTGTTATTCAGTCACATACAACATTCTCGCATTTTTTTAGTCAA
TCCTCAAACCTACCTGAGATGTAACCATTTACTCAGTTATAAAAAAGAAACCAAGATTCA
GGTATACTAAATAATTTGTGAGTATTCATGACAGAACATGGCAGGTTTGATTGCAACTCT
GTTTGATTCCAAAGTGTTTGCTCTTTCCACTTCATCGTAATGTATTTCCACTTTATCATA
ATGTATTTCTGGCAAGAAGCATAAGAATCAAAAACGTGACCTGAAAACTACTATGGAAT
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TTGTACTCAGTTGTTCAAAGGCTAAGACAACGTTGTCGTTTCAATTTTACATAGCTCAC
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CTCCCTCATTATCCTGTTATCCTGGACTAATCCTATCAAGGACCATGTTGTAGAAATC
CAGTGCATAGGCCTTAAGCGACATTTTCTTTCTCCGT

Restriction Sites:

NotI-NotI

ACCN:

NM_017631

Insert Size:

6000 bp

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:	<u>NM_017631.3</u> , <u>NP_060101.2</u>
RefSeq Size:	6031 bp
RefSeq ORF:	5139 bp
Locus ID:	55601
UniProt ID:	<u>Q8IY21</u>
Cytogenetics:	4q32.3
Gene Summary:	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases which are implicated in a number of cellular processes involving RNA binding and alteration of RNA secondary structure. This gene encodes a DEXD/H box RNA helicase that functions as an antiviral factor and promotes RIG-I-like receptor-mediated signaling. [provided by RefSeq, Apr 2017]