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 SC113237

DDX49 (NM_019070) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DDX49 (NM_019070) Human Untagged Clone
Tag:	Tag Free
Symbol:	DDX49
Synonyms:	Dbp8; R27090_2
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_019070, the custom clone sequence may differ by one or more nucleotides

ATGGCAGGCTTCGCGGAGCTCGGGCTGTCATCGTGGCTCGTGGAACAATGTCGGCAGCTGGGTTTGAAGC
AGCCCACGCCCGTGCAGCTCGGCTGCATCCCCGCCATCCTGGAGGGTCGAGACTGCTTGGGCTGTGCTAA
GACAGGCAGTGGGAAGACAGCAGCGTTTGTCCTTCCCATCTTGCAGAAGCTGTCTGAGGATCCCTATGGC
ATCTTCTGCCTCGTCCTGACACCCACCAGGGAGCTGGCCTACCAGATCGCAGAGCAGTTCCGGGTCCTGG
GGAAGCCTCTAGGGCTGAAAGACTGCATCATCGTCGGTGGCATGGACATGGTGGCCCAGGCGCTGGAGCT
CTCTCGGAAACCACACGTGGTCATCGCCACGCCGGGGCGCCTGGCAGATCACCTGCGCAGCTCCAACACT
TTTAGTATAAAGAAGATCCGCTTCCTGGTGATGGATGAGGCAGACCGGCTGCTGGAACAGGGCTGCACTG
ACTTCACCGTGGACCTGGAGGCCATCCTGGCGGCTGTGCCGGCCCGCAGGCAGACACTGCTGTTCAGCGC
CACGCTGACCGACACACTCCGGGAGCTGCAGGGTCTGGCCACCAACCAGCCCTTCTTCTGGGAAGCACAG
GCCCCGGTGAGCACCGTGGAGCAGCTGGACCAGCGCTACCTGCTGGTGCCTGAGAAGGTCAAGGACGCCT
ACCTGGTCCACCTGATCCAGCGCTTCCAGGATGAGCACGAGGACTGGTCCATTATCATCTTCACCAACAC
GTGCAAGACCTGCCAGATTCTGTGCATGATGCTGCGCAAATTCAGCTTCCCCACCGTGGCTCTGCACTCC
ATGATGAAGCAGAAAGAACGCTTTGCCGCCCTAGCCAAGTTCAAGTCCAGCATCTACCGGATCCTGATCG
CAACAGACGTGGCCTCCCGGGGCCTGGACATCCCTACGGTACAGGTGGTCATCAACCACAACACCCCCGG
GCTCCCCAAGATCTACATCCACCGAGTCGGCCGGACGGCCCGTGCAGGGCGGCAGGGTCAGGCCATCACG
CTGGTGACACAGTACGACATCCACCTGGTGCACGCCATCGAGGAGCAGATCAAGAAGAAGCTGGAGGAGT
TCTCCGTGGAAGAGGCCGAGGTGCTACAGATCCTCACACAGGTCAACGTGGTGCGAAGAGAGTGTGAGAT
CAAACTGGAGGCGGCCCACTTTGACGAAAAGAAGGAGATCAACAAACGGAAGCAGCTGATCCTGGAGGGG
AAGGACCCTGACCTGGAGGCCAAGCGCAAGGCTGAGCTGGCCAAGATCAAGCAGAAGAACCGGCGCTTCA
AGGAGAAGGTGGAGGAGACGCTGAAGCGACAGAAGGCTGGCAGGGCTGGCCACAAGGGGCGTCCACCCAG
GACACCGTCTGGGTCCCACTCAGGCCCAGTCCCCTCCCAGGGCCTGGTCTGA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_019070 unedited
GAATACGACTCACTTATAGGGCGGCCGCGAATTCGCACGAGGAGCAGATCAAGAAGAAGC
TGGAGGAGTTCTCCGTGGAAGAGGCCGAGGTGCTACAGATCCTCACACAGGTCAACGTGG
TGCGAAGAGAGTGTGAGATCAAACTGGAGGCGGCCCACTTTGACGAAAAGAAGGAGATCA
ACAAACGGAAGCAGCTGATCCTGGAGGGGAAGGACCCTGACCTGGAGGCCAAGCGCAAGG
CTGAGCTGGCCAAGATCAAGCAGAAGAACCGGCGCTTCAAGGAGAAGGTGGAGGAGACGC
TGAAGCGACAGAAGGCTGGCAGGGCTGGCCACAAGGGGCGTCCACCCAGGACACCGTCTG
GGTCCCACTCAGGCCCAGTCCCCTCCCAGGGCCTGGTCTGAGCCCCACACGGCCATCTGC
CCAGTCCTTGACTCGTCCATGGAGCTGAGGGTCGGAGGAACCTTCCTTGGGGGCAGCAGC
CCTTCCCGGNGGCCTACCCAGTGCCCCACAGCAGAACCCGTGGGCGCTCATGTTCTTTCT
TCTACAAGGGNGCCCCTACAAGCGGCCACAAGGATGGCAGGCTTCGCGGAGCTCGGGCTG
TCATCGTGGCTCGTGGAACAATGTCGGCAGCTGGGTTTGAAGCAGCCCACGCCCGTGCAG
CTCGGCTGCATCCCCGCCATCCTGGGAGGTCGAGACTGCTTGGGCTGTGCTAAGACCAGC
AGTGGGAAGACAGCNAGCGTTNGTCCTTCCATCTTGCAGAAGCTGTCTGAAGATCCCTAT
GGGCATCTCTGCCTCGTCCTGACACCCACCAGGAGCTGGCCTACCAGATCCAANACANNT
NCCCGGTCTTGGGGAAGCCTCTAGGNCTGAANGACTGCTATCCNTCGGTGCATGACACTT
GTGGGCCCAGCGCTGGAGCTTTCTCGAAACCCAACCTGTCATCGCCACCCGGGCCCCTGA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_019070 unedited
GCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTGAAGTCAAAATACCCGTTTATTA
AGCACCTCCTGTATGCGGCACCCCTGGGGGGTGACCTTGGGTTGGGGTCACAACCTCCCG
GTCATGTTCTTTCTTCCCCTGCAGCCTGAATCTTGGCCAGGGCTCAGGGAAGGGGCCAGC
CAGTGGTTTCGGGGCAGAGGAGCAGGGCCCGCACAACACGAGCGCCCACGGGTTCTGCTG
TGGGGCACTGGGTAGGCCCCCGGGAAGGGCTGCTGCCCCCAAGGAAGGTTCCTCCGACCC
TCAGCTCCATGGACGAGTCAAGGACTGGGCAGATGGCCGTGTGGGGCTCAAACCAGGCCC
TGGGAGGGGACTGGGCCTGAGTGGGACCCAGACGGTGTCCTGAGTGGACGCCCCTTGTGG
CCAGCCCTGCCAGCCTTCTGTCGCTTCAGCGTCTCCTCCACCTTCTCCTTGAAGCGCCGG
TTCTTCTGCTTGATCTTGGCCAGCTCAGCCTTGCGCTTGGCCTCCAGGTCAAGGTCCTTC
CCCTCCAGGATCAGCTGCTTCCGTTTGTTGATCTCCTTCTTTTCGTCAAAGTGGGCCGCC
TCCAGTTTGATCTCACACTCTCTTCGCACCACGTTGACCTGTGTGAGGATCTGTAGCACC
TCCGCCTCTTCACGGAGAACTCCTCCAGCTTCTTCTTGATCTGCTCCTCGATGGCGTGCA
CCANGTGGATGTCGTACTGTGTCACCAGCGTGATGGCCTGACCCTGCCGCCCTGCACGGG
CCGTCCGGNCGACTCGTTGAATGTATATCTTGGGGACCCCGGGGGTGTTTTTGGTATAAA
CCACCTGTACCGTAGGGATGTCCGGCCCCCGGAGGGCACCTTTGTGGCGATCAGGATCCG
GATAAGCCTGACCTGACTCGGTTCGCGGCGAAAGGTCCTTCTGCTCTCCTCGACATACAC
TCACTGGGGGAACCCCTTATCCAACATCTGCCACAT

Restriction Sites: NotI-NotI

ACCN: NM_019070

Insert Size: 2620 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:	NM_019070.3, NP_061943.2
RefSeq Size:	1836 bp
RefSeq ORF:	1836 bp
Locus ID:	54555
UniProt ID:	Q9Y6V7
Cytogenetics:	19p13.11
Domains:	DEAD