

Product datasheet for **SC320707**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_019070.3
 GCCGGAAGCGCGATCACACGGGCCCCTACAAGGGGCCCTACAAGCGGCCACAAGGATG
 GCAGGCTTCGCGGAGCTCGGGCTGTATCGTGGCTCGTGGAACAATGTCCGCAGCTGGGT
 TTGAAGCAGCCCACGCCGTGCAGCTCGGCTGCATCCCCGCCATCCTGGAGGGTCGAGAC
 TGCTTGGGCTGTGCTAAGACAGGCAGTGGGAAGACAGCAGCGTTTGTCTTCCATCTTG
 CAGAAGCTGTCTGAGGATCCCTATGGCATCTTCTGCCTCGTCTGACACCCACCAGGGAG
 CTGGCCTACCAGATCGCAGAGCAGTTCCGGGTCCTGGGGAAGCCTTAGGGCTGAAAGAC
 TGCATCATCGTCGGTGGCATGGACATGGTGGCCAGGCGCTGGAGCTCTCTCGGAAACCA
 CACGTGGTCATGCCACGCCGGGGCGCCTGGCAGATCACCTGCGCAGCTCCAACACTTTT
 AGTATAAAGAAGATCCGCTTCTGGTGATGGATGAGGCAGACCGGCTGCTGGAACAGGGC
 TGCACTGACTTACCGTGGACCTGGAGGCCATCCTGGCGGCTGTCCGGCCCGCAGGCAG
 ACACTGCTGTTACGCGCCACGCTGACCGACACACTCCGGGAGCTCGAGGGTCTGGCCACC
 AACCAGCCCTTCTTGGGAAGCACAGGCCCGGTGAGCACCGTGGAGCAGCTGGACCAG
 CGCTACCTGCTGGTGCCTGAGAAGGTCAAGGACGCTACCTGGTCCACCTGATCCAGCGC
 TTCCAGGATGAGCACGAGGACTGGTCCATTATCATCTTACCAACACGTGCAAGACCTGC
 CAGATTCTGTGCATGATGCTGCGCAAATTCAGCTTCCCCACCGTGGCTCTGCACTCCATG
 ATGAAGCAGAAAGAACGCTTTGCCGCCCTAGCCAAGTTCAAGTCCAGCATCTACCGGATC
 CTGATCGCAACAGACGTGGCCTCCCGGGGCTGGACATCCCTACGGTACAGGTGGTCATC
 AACCACAACACCCCGGGCTCCCCAAGATCTACATCCACCGAGTCGGCCGGACGGCCCGT
 GCAGGGCGGCAGGGTCAGGCCATCACGCTGGTGACACAGTACGACATCCACCTGGTGCAC
 GCCATCGAGGAGCAGATCAAGAAGAAGCTGGAGGAGTTCTCCGTGGAAGAGGCCGAGGTG
 CTACAGATCCTCACACAGGTCAACGTGGTGCGAAGAGAGTGTGAGATCAAACCTGGAGGCG
 GCCCACTTTGACGAAAAGAAGGAGATCAACAAACGGAAGCAGCTGATCCTGGAGGGGAAG
 GACCTTGACCTGGAGGCCAAGCGCAAGGCTGAGCTGGCCAAGATCAAGCAGAAGAACCAG
 CGCTTCAAGGAGAAGGTGGAGGAGACGCTGAAGCGACAGAAGGCTGGCAGGGCTGGCCAC
 AAGGGGCGTCCACCCAGGACACCGTCTGGGTCCCACTCAGGCCAGTCCCTCCAGGGC
 CTGGTCTGAGCCACACGGCCATCTGCCAGTCTTGACTCGTCCATGGAGCTGAGGGT
 CGGAGGAACCTTCTTGGGGGACGAGCCCTTCCCGGGGGCTACCCAGTGCCCCACAGC
 AGAACCCGTGGGCGCTCGTGTGTGCGGGCCCTGCTCCTCTGCCCCGAAACCACTGGCTG
 GCCCTTCCCTGAGCCCTGGCCAAGATTAGGCTGCAGGGGAAGAAAGAACATGACCGGG
 AGGTTGTGACCCCAACCAAGGTCACCCCCAGGGGTGCCGCATACAGGAGGTGCTTAAT
 AAACGGGTCTTTTGAATCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_019070

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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: 1855 bp

RefSeq ORF: 1836 bp

Locus ID: 54555

UniProt ID: Q9Y6V7

Cytogenetics: 19p13.11

Domains: DEAD