

Product datasheet for **SC320851**

DDX19A (NM_018332) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DDX19A (NM_018332) Human Untagged Clone
Tag:	Tag Free
Symbol:	DDX19A
Synonyms:	DDX19-DDX19L; DDX19L
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_018332.3
 CGAGGTTAGGGCCCGCTTGCAGCTGGTGCAGCGCATATTTTACAAGTGGGTCTCCCT
 TGTCCGGGACTATGGCCACCGACTCGTGGGCCCTGGCGGTGGACGAGCAGGAAGCGGCTG
 TCAAGTCGATGACCAATTTGAGATCAAGGAAGAGAAAGTCAAAGCAGATACCAATGGTA
 TTATCAAAACAGTACCACTGCCGAGAAAACAGATGAAGAGGAGAAAAGAGGACAGAGCTG
 CCCAGTCTTACTCAACAAGCTGATCAGAAGCAACCTTGTGATAACACAAAACCAAGTGG
 AAGTCTTGCAACGGGATCCAAACTCCCCTCTGTACTCGGTGAAGTCGTTTGAAGAGCTTC
 GGCTGAAACCACAGCTTCTCCAGGGAGTCTATGCCATGGGCTTCAATCGACCCCTCCAAGA
 TACAAGAGAACGCATTACCCATGATGCTTGTGAACCCCCACAGAATCTGATTGCCCACT
 CTCAGTCTGGCACTGGTAAAACAGCTGCCTTTGTCTTAGCCATGCTCAGCCGAGTGGAGC
 CATCAGACAGATACCCCAAGTGTCTGTGCCTCTCCCAACATATGAGCTGGCGCTTCAA
 CAGGAAAAGTATTGAGCAGATGGGCAAAATTTACCCAGAAGTGAAGCTTGCCATGCCG
 TTCGAGGCAATAAATTGGAAAGAGGCCAGAAGATCAGTGAGCAGATTGTCATTGGCACCC
 CTGGGACCGTGTGGACTGGTGTCCAAGCTCAAGTTCATTGATCCCAAGAAAATCAAGG
 TGTTTGTCTGGATGAGGCTGATGTCATGATAGCCACTCAGGGCCACCAAGATCAGAGCA
 TCCGCATCCAGAGGATGCTGCCAGGAAGTCCAGATGCTGCTTTTCTCCGCCACCTTTG
 AAGACTCTGTGTGGAAGTTTGCCAGAAAAGTGGTCCCAGACCCAAATGTTATCAAAGTGA
 AGCGTGAGGAAGAGACCCCTGGATACCATCAAGCAGTACTATGTCTGTGCAGCAGCAGAG
 ACGAGAAGTTCAGGCCTTGTGTAACTCTACGGGGCCATCACCAATTGCTCAAGCCATGA
 TCTTCTGCCATACTCGCAAAACAGCTAGTTGGCTGGCAGCAGAGCTCTCAAAAGAAGGCC
 ACCAGTGGCTCTGCTGAGTGGGAGATGATGGTGGAGCAGAGGGCTGCGGTGATTGAGC
 GCTTCCGAGAGGGCAAAGAGAAGGTTTTGGTGACCACCAACGTGTGTGCCCGCGGCATTG
 ATGTTGAACAAGTGTCTGTGTCATCACTTTGATCTTCCCGTGACAAGGACGGGAATC
 CTGACAATGAGACCTACCTGCACCGGATCGGGCCGACGGGCCGCTTTGGCAAGAGGGGCC
 TGGCAGTGAACATGGTGGACAGCAAGCAGCATGAACATCCTGAACAGAATCCAGGAGC
 ATTTTAATAAGAAGATAGAAAAGATTGGACACAGATGATTTGGACGAGATTGAGAAAATAG
 CCAACTGAGAAGCTCCACCAGCCACTGATGCCAGCCCTGGCACTGCCCTGCACAGGAGA
 CAAGTGCATTTAGGGCACAGGCCCGACATCACCCCAAGGACAACGGCAGAAAGTAGAGAG
 AAACACTACCTCACTTCAAATATGTTTGGACTTGACAAAAATAGGTGCAAATGATGG
 GGGCAATAGAAGAAAAAATTTGCATTTTGGAAAATGGGTCTTTCCCACTTTTTTTAA
 AGCCACATTTCCCATCTTTATAATAATCTGGTACAGTGGTAGTCGCTGGCCCCAGGAC
 CCCTCTGATTTTGGCTAGGCATCGTGAACAGCTCCAGCCCTGAAGAAACGATAGA
 TGTGCAGGTTGTGCGGAAGAGGCTGAGTGGAAAATGGTGTGAGCCCCACCGCTGTGCATC
 GAATGAGGGAAGTGGCAGCAGAGAGGCCAGAGCTGCCCTCTCTGTCTTTCAATGGAC
 CCTTACAAGTGTCTTCTCCTGCCCTTGGGGCTGTCTTCTTCTCCTGAAATCCAGAGACT
 TTCTTGCTCATCCCTTCTCCCTTCACTTCTGTCTCTGCTGCAGAAAGCAGACTTGCAT
 ATCCCTGATGAGCAGCTCGGCTACTTTTGTAACTTCAGATTTGGAGAGAAAACACGAAAG
 TCTGAATCCTGACCCCTTGAGAGAGAGTATCTGGCGAGGGCCGATGAAGGGGCTGGGCC
 TGGTCTTGCCTTCTTCTCCTCGTTGCTCCCTGCTAGGCCCTGGTACTCAGTCAC
 GGCAGCCAGGAGACCCAGGTGAGTTTCTGAGCGCATACGTAGTTGGTTCTTACCCCCAG
 GTGTCACACGGGGCCGAGAGCTGAGCAAGAATTTGGAATGGAAGTTATGACCAAGGGAAT
 TATGCTGTTCAATTTATAATAGTGGACATTATGGAGAGCTCTGATTCTACATAATATGAA
 TAAGGATGGATAGGCCGGCGTGGTGGCTCATGCCTATAATCCCAGCACGTTGGGAGGCT
 GAGGCGGGCGGATCGGTTGAGCTCAGGCGTTGGGACCAGCTGGCCAACATGATGAAAC
 CCCGCTCTACCAAAAAATAGAAAAAATATAGCCGGGCCCTGGTGGCGCACGCCTGTAGTC
 CCAGCTACTCGGAGGCTGAGGTAGGAGGATCGCTTGGCCTGGGTAGAGGCTGCTGTGA
 GCTGAAATGGCGCCACTGCACTCCAGCCTGGGTAAACAGAGCGAGACCCCGACTCAATAAA
 TAAATAAGGATGGATAAATTGTAGCGTATGCACCATTCATTATGCTAAGACATTTTAAAG
 TAATTATGAGAAACGCTCTACTAATGATTTGTTTTATTTGATTTTTTCTGCTATTAGAG
 CAAATATATACTCATTTTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN:	NM_018332
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:	<ol style="list-style-type: none"> 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_018332.3</u> , <u>NP_060802.1</u>
RefSeq Size:	2918 bp
RefSeq ORF:	1437 bp
Locus ID:	55308
UniProt ID:	<u>Q9NUU7</u>
Cytogenetics:	16q22.1
Domains:	DEAD, helicase_C
Gene Summary:	<p>ATP-dependent RNA helicase involved in mRNA export from the nucleus. Rather than unwinding RNA duplexes, DDX19 functions as a remodeler of ribonucleoprotein particles, whereby proteins bound to nuclear mRNA are dissociated and replaced by cytoplasmic mRNA binding proteins (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>