

Product datasheet for **SC322094**

DDX59 (NM_001031725) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DDX59 (NM_001031725) Human Untagged Clone
Tag:	Tag Free
Symbol:	DDX59
Synonyms:	OFD5; ZNHIT5
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 SC322094
 GCGCGGTGGCCCCGCTCCCCGCGCCCGGAAAGCGGGCTGCGGCCCTCCCAAACCC
 GGGGAAGTGGATTCTACGCTCCGCTCCGCTCCGCACCACCAACCCGGGCCGAGTCCTG
 ACGAGCGGGTCAGGGCTTGTGCGGGCGAAGCCTGGCCTGGAGCCTGGAAGGGGGAGACGG
 CCCGAGCGGGAGCGGGAGCGGACCGGCCTCAGTCTGCGCGGAATATTGAAGGATGTTT
 GTTCCAAGATCTCTAAAAATCAAGAGGAATGCTAATGATGATGGCAAAAGTTGTGCGCT
 AAGATAATTAAACCAGACCCAGAAGACCTTCAGTTGGACAAAAGCAGAGATGTTCCCGTT
 GATGCTGTAGCTACAGAAGCAGCCACAATAGACAGGCACATCAGCGAATCATGCCCTTC
 CCCAGCCCAGGTGGCCAGTTGGCAGAGGTTCAATCAGTAAGTCCCAGCAGGGTGCGAAG
 GACAGCCATCCTTCTGAAGAGCCGTTAAGTCATTTTCCAAAACACAGCCTGGGCAGAA
 CCAGGGGAACCCATCTGTGTTGTCTGTGGTCGTTATGGAGAGTATATCTGTGATAAGACA
 GATGAAGATGTGTAGTTTGGAGTGTAAAGCGAAACATCTTCTACAAGTTAAGGAAAAG
 GAAGAGAAATCAAACCTCAGCAATCCACAGAAGGCTGATTCTGAGCCAGAGTCTCCACTG
 AATGCTTCTATGTCTACAAAGAGCACCCCTTTATTTTGAACCTTCAGGAAGACCAGATT
 GAAAATCTTAAACAGCAGCTGGGAATTTTAGTTCAAGGGCAAGAAGTACCAGGCCATT
 ATTGACTTTGAACATTGTAGTCTCCCTGAGGTCTTAAATCACAACCTTGAAGAAAATCAGGC
 TATGAGGTGCCAACTCCCATTCAATGCAGATGATTCTGTGGGACTTCTGGGAAGAGAC
 ATTCTGGCCAGTGCAGATACTGGCTCAGGAAAAACAGCTGCTTTTCTTCTTCTGTTATC
 ATGCGAGCTTTATTCGAGAGCAAACCTCCATCTGCGCTCATTCTTACCCAACAGAGAG
 TTAGCCATTAGATAGAGAGACAAGCTAAAGAATTGATGAGTGGCCTGCCACGCATGAAA
 ACTGTGCTTCTTGTAGGGGGCTTACCCTTACCCACAGCTTTATCGTCTGCAACAACAT
 GAACTCTGTGGTGTAAAGATTGTGGTAGTAGTGAAGCTGATACCATGTTAAAGATGGGT
 TTTCAACAACAAGTGCTTGACATTTTGGAAAACATTCTAATGATTGTCAGACCATTTTG
 GTTTCAGCCACAATTCCAACCTAGCATAGAACAGCTAGCAAGCCAGCTTCTGCATAATCCT
 GTGAGAATTATCACTGGAGAAAAGAACCTACCTTGTGCCAATGTACGTCAGATTATTTTG
 TGGGTAGAAGACCAGCCAAAAAGAAAAAATTATTTGAAATTTTAAATGATAAGAAAACCT
 TTTAAGCCTCCAGTGTTAGTATTTGTGGACTGCAAACCTAGGAGCAGATCTTTTGTAGTAA
 GCCGTTACAGAAAATCACAGGGCTGAAAAGAATATCTATACATTCGGAGAAGTCGCAATA
 GAAAGGAAAAACATATTGAAGGGATTACTTGAAGGAGACTATGAAGTTGTAGTGAGCACA
 GGAGTCTTGGGACGAGGCTAGACTTGATCAGTGTGAGGCTGGTTGTCAATTTTGTATG
 CCTTCAAGTATGGATGAGTATGTCCATCAGATTGGAAGAGTAGGAAGATTAGGTCAAAAT
 GGAACAGCGATTACTTTCATCAATAATAATTCAAAAAGACTCTTCTGGGATATTGCAAAA
 CGAGTAAAGCCCACAGGATCCATTCTTCCCCTCAGTTATTAATTCCCACATACCTTCAT
 GACCAGAAGAGAAAGGAACAACAGAAAGATAAACAGACACAGAATGATCTGGTTACAGGA
 GCTAATCTTATGGATATTATCAGAAAACATGATAAAAGTAATTCTCAGAAATGATTTTCT
 CTGCCACTTGAATATTTTTTTTTTATTGTATATAGTCAGCAAAAATTTATGGTTTGCATAA
 ATGGAAATGTACATGAATTTTAAAAATTTAAGATATTTTAAATTAATAAAAATTTATAT
 ACCCAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_001031725
- 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_001031725.1, NP_001026895.1</u>
RefSeq Size:	2240 bp
RefSeq ORF:	1860 bp
Locus ID:	83479
UniProt ID:	<u>Q5T1V6</u>
Cytogenetics:	1q32.1