

Product datasheet for **SC112302**

DDA1 (NM_024050) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DDA1 (NM_024050) Human Untagged Clone
Tag:	Tag Free
Symbol:	DDA1
Synonyms:	C19orf58; PCIA1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112302 sequence for NM_024050 edited (data generated by NextGen Sequencing) ATGGCAGATTTTTGAAAGGACTGCCTGTCTACAACAAAAGCAATTTTAGTCGATTTTCAC GCGGACTCCGTGTGCAAAGCCTCGAACCACGGCCCTCAGTCTACCTGCCTACCCGCGAG TACCCGTCTGAACAGATCATCGTGACAGAAAAGACAAACATCCTCCTGCGCTACCTGCAT CAGCAATGGGACAAAAGAACGCTGCCAAGAAGAGAGACCAGGAGCAAGTGGAGCTGGAA GGCGAGAGCTCCGCACCTCCCCGCAAGGTGGCGCGGACCGACAGCCAGACATGCACGAG GACTTAA Clone variation with respect to NM_024050.5



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_024050 unedited TTTGTATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGCTAAGAAGGCGGCT CTGGTGGCGGCGGTGGAGGCTGAGGCGGCGGCCGAGGCGGCGACGGAGGAAACAGAAGAT GGCAGATTTTTTGAAGGACTGCCTGTCTACAACAAAAGCAATTTTAGTCGATTTACGC GGACTCCGTGTGCAAAGCCTCGAACCGACGGCCCTCAGTCTACCTGCCTACCCGCGAGTA CCCGTCTGAACAGATCATCGTGACAGAAAAGACAACATCCTCCTGCGCTACCTGCATCA GCAATGGGACAAAAGAACGCTGCCAAGAAGAGAGACCAGGAGCAAGTGGAGCTGGAAGG CGAGAGCTCCGCACCTCCCCGCAAGGTGGCGCGGACCGACAGCCAGACATGCACGAGGA CACTTAAGACTCTCAACTCCACAGGCGCCTCCTGCCAGGTCTGCTCCTCGGTCGCCCACC CGCCTGCCCGCCATGTGTAAGCACCCCGCCCGCCGCTCCCTGCCGGCCATCCACACC CTGCGTCCACACCACTTCCAACCTCATAGGAGCCGATGTATTTATTTTCTTGAGTTTTT ATTTATGTGTAACTGTATCAAGCGTTGGTTAAAGGGGACATCACACCCAGTAGTGTGA TGTTGGTAGATGCTTTTTAAAAACAACCTTTGCCCCCGACCCCGCCTTCCATCGG GCCAGTCCCCGATTCTGCCCCAGTTCTCCAGAGACCAGAGTGTGTCTGTGAGAGTCT CTAGCGNGGCTCTACTGTGGCCGGTGACACGGGGCGGCCGNGGTGGCCTGACTAC CCAGACAGNCGAGTGGCCCTTCTCCNCAACACCCGTCCANGACATTGAGACTTGTCTT GTCCCACGCTTCNCCGAAACTTCCATGCCAGACCTACTCACGTGACCCC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_024050 unedited ATTTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGAAAGACCCTTTTATTGGGGTGGACACG GAGCACGCACTAGTCCATGATAAAAATAAAATGACTCAAGAGAAAAGATCCAAGGGCCGA CTTCTCCCAACGTGCGTGCACGCTGAGTGAGGTCTGGGCATGGGAAAGTCCGGGCGAA GCGTGGGACAAGACCGAGTCTCAATGGCCTGGACCGGTGTTGGGGGGAGAAGGCCACTC GGCTGTCTGGTAGGTCAGGCCACCCCGGGCCCGCCCTGTACCCGGCCACAGTAAAGC CCCCCTAGAGACTCTCACAGACACACTCTGGTTCTCTGGAGAAGTGGGGGAGGAATCG GGGAACTGGCCGATGGAAGGCGGNGGTGCGGGGGACAATGTTGTTTTTTTTAAAAAGCA TCTACCAACATCACACTACTGGGTCTGATGTCCCTTTAACCAACGCTTGATACAGGTTA CAGCATAAATAAAAACTCAAGGAAAATAAATACATCGGCTCCTATGANGTTGGAAGTGGT GTGGACGCAGGGTGTGGATGGCCCGCAGGGANGCGGNCGGNCGNGTGCATTACACATGG CGGCAGGCGGGTGGGCGACCGAAGAGCAGACCTGGCAGGAGCCGCTGTGGAGTTGAGA GTCTTAAGTGTCTCGTGATGTCTTGGCTGCCGTTCCCGCCACCTTGCGGGAGGTGCGG AGCTCTCGCTTCACTCACTTGTCTGCTGCTTTCTCTTGCAACGTTTTTTTTGCCCTTGT TGAGCANGTACCGCAGAGGATGTTTGTCTGTACGTGATCTGTACAGGGTCCCTCGG TTAGCAGTAAATGAGGCCCGTTTAGAGTCTACCCGAGCCCGGGAATCCTTAAATTG TTTTTTGGAAAAGGCACCTTTAAATCGCCTCTTTTTTCTCCGGGCCCTTGGCGGGGTTA CTCACCCCAACCAACCGTTTTATCCTT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_024050
Insert Size:	360 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_024050.4](#), [NP_076955.1](#)

RefSeq Size: 1086 bp

RefSeq ORF: 309 bp

Locus ID: 79016

UniProt ID: [Q9BW61](#)

Cytogenetics: 19p13.11

Gene Summary: May be involved in ubiquitination and subsequent proteasomal degradation of target proteins. Component of the DDD-E2 complexes which may provide a platform for interaction with CUL4A and WD repeat proteins.[UniProtKB/Swiss-Prot Function]