

Product datasheet for **SC106613**

CDA11 (TATDN1) (NM_032026) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDA11 (TATDN1) (NM_032026) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDA11
Synonyms:	CDA11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032026, the custom clone sequence may differ by one or more nucleotides

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ATGAGTCGCTTCAAGTTTATCGATATTGGTATCAACTTGACTGACCCTATGTTTCAGAGGAATTTATAGGG
GGGTTCAAAGCATCAAGATGACTTACAGGATGTAATAGGGAGAGCTGTCGAGATTGGTGTAAAAAGTT
TATGATTACAGGTGAAATCTACAAGACAGTAAAGATGCACTGCATTTGGCACAACAAATGGTATGTTT
TTCAGTACAGTTGGATGTCATCCTACAAGATGTGGTGAATTTGAAAAGAATAACCCTGATCTTTACTTAA
AGGAGTTGCTAAATCTTGCTGAAAACAATAAAGGGAAAGTTGTGGCAATAGGAGAATGCGGACTTGATTT
TGACCGACTGCAGTTTTGTCCCAAAGATACTCAACTCAAATATTTGAAAACAGTTTGAAGTGCAGAA
CAAACAAAATTACCAATGTTTCTTCATTGTCGAAACTCACATGCTGAATTTTGGACATAATGAAAAGAA
ATAGAGATCGGTGTGTAGGGGAGTGGTGCATTATTTGATGGTACCAAGGAAGCAGCAGCTGCTTTGAT
TGACTTGGATCTTTATATAGGATTTAATGGTTGCTCACTGAAAACCTGAAGCTAATTTGGAAGTTTGAAG
TCAATTCCTAGTGAAAAATTAATGATTGAGACAGATGCACCTTGGTGTGGAGTCAAAAGTACACATGCTG
GATCAAAATATAAAGAAGTGCATTTCTACCAAAAAGAAGTGGGAAAGTGGGCACTGCTTAAAAGACAG
AAATGAACCTGCCATATAATTCAAATATTGGAGATAATGTCAGCAGTGAGAGATGAGGATCCACTGGAA
TTAGCCAATACACTATATAACAATACTATTAAGTATTTTTCTGGAATATAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_032026 unedited NNGGGTCAAATTTGTATACGACTCACTATAGGCGGCCCGATTCCGGCACGAGGGGAGGT CCTCCATGCGCAGTCATGAGTCGCTTCAAGTTTATCGATATTGGTATCAACTTGACTGAC CCTATGTTCAGAGGAATTTATAGGGGGGTTCAAAGCATCAAGATGACTTACAGGATGTA ATAGGGAGAGCTGTCGAGATTGGTGTAAAAAGTTTATGATTACAGGTGGAAATCTACAA GACAGTAAAGATGCACTGCATTTGGCACAACAATAAATGGTATGTTTTTCAGTACAGTTGGA TGTCACTCAACAAGATGTGGTGAATTTGAAAAGAATAACCCCTGATCTTTACTTAAAGGAG TTGCTAAATCTTGCTGAAAACAATAAAGGGAAAGTTGTGGCAATAGGAGAATGTGGACTT GATTTTGACCGACTGCAGTTTTGTCCTAAAGATACTCAACTCAAATATTTTGAAAAACAG TTTGAAGTGTGAGAACAAACAAATTACCAATGTTTCTTCATTGTCGAAACTCACATGCT GAATTTTTGGACATAATGAAAAGAAATAGAGATCGGTGTGTAGGGGGAGTGGTGCATTCA TTTGATGGTACCAAGGAAGCAGCAGCTGCTTTGATTGACTTGGATCTTTATATAGGATTT AATGGTTGCTCACTGAAAAGTGAAGCTAATTTGGGAGTNTGAAGTCAATTCCTAGTGAA AAATTAATGATTGAGACAGATGCACCTTGGTGTGGAGTCAAAAGTCACATGCTGGATCAA ATATATAAGAAGTGCATTTNCTACCAAAAAGAGTGGGAAAGTGGGCACTGCTTANAGACA GAAATGAACCCCTGCCATATATCAATATTGGAGATATGTCAGCAGTGAAGATGAGGATC ACTGGC
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_032026 unedited TTTTTTTTTTTTTTTTTGCAGAAATTTCTTTATTGAAACTATCAGGAAGTTTACTATGA AATTTTACATACATGATGGAAGTGAAGACATATACCAATTATTTCCAGGAAAAAAC TTTAATAGTATTGTTATATAGTGTATTGGCTAATCCAGTGGATCCTCATCTCTCACTGC TGACATTATCTCAATATTTGAATTATATGGCAGGGTTCATTTCTGTCTTTTAAGCAGTG CCCACTTTCCCACTTCTTTTGGTAGGAAATGCAGTTCTTATATATTTTATCCAGCATG TGTACTTTTGAAGTCCACACCAAGGTGCATCTGTCTCAATCATTATTTTCACTAGGAAT TGACTTCAAAACTTCAAATTAGCTTTCAGTTTTTCAGTGAGCAACCATTAAATCCTATATA AAGATCCAAGTCAATCAAAGCAGCTGCTGCTTCTTGGTACCATCAAATGAATGCACCAC TCCCCCTACACACCGATCTCT
Restriction Sites:	NotI-NotI
ACCN:	NM_032026
Insert Size:	1060 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:	<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_032026.1</u> , <u>NP_114415.1</u>
RefSeq Size:	1039 bp

RefSeq ORF:	894 bp
Locus ID:	83940
UniProt ID:	Q6P1N9
Cytogenetics:	8q24.13
Domains:	TatD_DNase
Gene Summary:	Putative deoxyribonuclease.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) uses an alternate in-frame splice site and lacks an alternate exon in the 3' coding region compared to variant 4. The encoded isoform (a) is shorter than isoform c.