

Product datasheet for **SC101980**

DEDD (NM_032998) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DEDD (NM_032998) Human Untagged Clone
Tag:	Tag Free
Symbol:	DEDD
Synonyms:	CASP8IP1; DEDD1; DEFT; FLDED1; KE05
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032998, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGGCCTAAAGCGGCGGGCAAGCCAGGTGTGGCCAGAAGAGCATGGTGAGCAGGAACATGGGCTGT
ACAGCCTGCACCGCATGTTTGACATCGTGGGCACTCATCTGACACACAGAGATGTGCGCGTGCTTTCTTT
CCTCTTTGTTGATGTCATTGATGACCACGAGCGTGGACTCATCCGAAATGGACGTGACTTCTTATTGGCA
CTGGAGCGCCAGGGCCGCTGTGATGAAAGTAACTTTCGCCAGGTGCTGCAGCTGCTGCGCATCATCACTC
GCCACGACCTGCTGCCCTACGTCAACCTCAAGAGGAGACGGGCTGTGTGCCCTGATCTTGTAGACAAGTA
TCTGGAGGAGACATCAATTCGCTATGTGACCCCGAGCCCTCAGTGATCCAGAACCAAGGCCTCCCCAG
CCCTCTAAAACAGTGCCTCCCCACTATCCTGTGGTGTGTTGCCCACTTCGGGTCCTCAGATGTGTAGCA
AGCGGCCAGCCGAGGGAGAGCCACACTTGGGAGCCAGCGAAAACGCCGGAAGTCAGTGACACCAGATCC
CAAGGAGAAGCAGACATGTGACATCAGACTGCGGGTTCGGGCTGAATACTGCCAGCATGAGACTGCTCTG
CAGGGCAATGTCTTCTCTAACAAGCAGGACCCACTTGAGCGCCAGTTTGAGCGCTTTAACCAGGCCAACA
CCATCCTCAAGTCCCGGACCTGGGCTCCATCATCTGTGACATCAAGTTCTCTGAGCTCACCTACCTCGA
TGCATTCTGGCGTGACTACATCAATGGCTCTTTATTAGAGGCACTTAAAGGTGTCTTCATCACAGACTCC
CTCAAGCAAGCTGTGGCCATGAAGCCATCAAGCTGCTGGTAAATGTAGACGAGGAGACTATGAGCTGG
GCCGACAGAACTCCTGAGGAATTGATGCTGCAAGCATTGCCCTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032998 unedited ATTATGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGATGGATCCAACA TGGCGGCGCCGAGCCTGAGCCGAGAGAAGAGACCTGGGAAATTAAGTTTCTTGCGGAGTA CGGTGGCGATTGCAGCTGCTGAGCAGGGATTCTGGAAAGCATTGCGTACCTGAGCCCCCA GCATGGCGGGCCTAAAGCGGCGGGCAAGCCAGGTGTGGCCAGAAGAGCATGGTGAACAGG AACACGGGCTGTACAGCCTGCACCGCATGTTTGACATCGTGGGCACTCATCTGACACACA GAGATGTGCGCGTGCTTTCTTCTCTTTGTTGATGTCATTGATGACCACGAGCGTGGAC TCATCCGAAATGGACGTGACTTCTTATTGGCACTGGAGGCCAGGCGCGCTGTGATGAAA GTAACCTTCGCCAGGTGCTGCAGCTGCTGCGCATCATCACTCGCCACGACCTGCTGCCCT ACGTCACCCTCAAGAGGAGACGGGCTGTGTGCCCTGATCTTGTAGACAAGTATCTGGAGG AGACATCAATTCGCTATGTGACCCCGAGGCCCTCAGTGATCCAGAACCAAGGCCCTCCC AGCCCTCTAAACAGTGCCTCCCCTACTCCTGTGGTGTGTTGCCCACTTCGGTCTCTC AGATGTGTAGCAAGCGGCCAGCCGAGGGAGAGCCACACTGGGAGCCAGCGAAAACGCC GGAAGTCAGTGACACCAGATCCCAAGGAGAAGCAGACATGTGACATCAGACTGCGGGTTC GGGCTGAATACTGCCAGCATGAGACTGCTCTGCAGGGCAATGTCTTTCTAACAGCAGG ACCCACTTGAGCGCCAGTTTGGAGCGCTTAACCCAGCCACACATNNCTCAGTCCCGGGAC CTGGGCTCCATCATCTGTGACATCAAGNNTCTCTGAGCTACCTACTCGAGCATTCTGCGT GACTACATCATGGCTCTTATTAGAGCACTTNAAGG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032998 unedited GGGGNGGGGGGNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNAANNTTTTACTNTGNACCGCGNCCG CATAACNAGNGATCGGTTTTTTTTTTTTTTTTTTTTATAGTCATTGTTTATTTTCATGGAAAC TGAAGTTCTGCTGAGGGCTGAGCAGCACTGGCATTGAAAAATAATAATCATAAAGTCTG TGCTGGACATCGCCTTTGGGAAGTAGAAGGGGAGTTGGTATTGTACCAGCTGGACTAAG CTCCAGTTCTAGACCTCCTGGCTCATTCAACATGCCTCCCTACCTAAATAAAAGTGAAC ACTCAGTGCATGTCCCAGCCCCATTCTCCAAGCATGGGAGTGGGCGTAGGAGTGGAGGA GGGGGAAGGAAAAGGAATTACTTCACTTACACCTATGATGCCCTTTGCCCAAGCCAGAA GAAAGCAAAGGGGAAAAGGGCTGCAGGGTACATATTTATTTTCACTTGAACATGGAAAG AAAGTGTACACTCCCCCTTCCCCTTTATAGGGGAGTGTATTTAATCAGCAACCTCTT CTCCATCCACCCTGTGTATGTGTGTACACATATACCACCACAGTTGGGAGGCATGACTAG GCTGACCCAGTCTTATCTGTTCCCTCTTGAAGAGGGTTTGACAAATGGGAAAAAGGAAG GAGCCACATCANGCAGAGGTTTCAAGCCATGGAATGGANGAAAAGCNGCANAGAGGAGCA NACCAGAGGCCAGGAGAGAGTGGAAAAGGCCACAGCTNGNTTTTAAAAAATNCTATNAT TNGGAAGAGGGNTGCGGATAATTTTCAAATACACTTCCAGAGTCCACTTTTACATAGCTCC CTTACTACAGNCCTTTGGTTNNTTATAGACAAATTAAGAGCTCTCATAAGCCAGAAGTATT GATAACTCCTAGTGCATCCAAAAAAGGGTTCACATCATCCCTACAAAGACTTGTGCTGT AAACTTTGCTCCTT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_032998
Insert Size:	2100 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:	NM_032998.1 , NP_127491.1
RefSeq Size:	2261 bp
RefSeq ORF:	957 bp
Locus ID:	9191
UniProt ID:	O75618
Cytogenetics:	1q23.3
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>This gene encodes a protein that contains a death effector domain (DED). DED is a protein-protein interaction domain shared by adaptors, regulators and executors of the programmed cell death pathway. Overexpression of this gene was shown to induce weak apoptosis. Upon stimulation, this protein was found to translocate from cytoplasm to nucleus and colocalize with UBTF, a basal factor required for RNA polymerase I transcription, in the nucleolus. At least three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) uses an alternate in-frame splice junction compared to variant 5. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a. Variants 1, 3, and 4 all encode the same isoform (b).</p>