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Product datasheet for SC319347

DEDD (NM_001039711) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DEDD (NM_001039711) Human Untagged Clone
Tag:	Tag Free
Symbol:	DEDD
Synonyms:	CASP8IP1; DEDD1; DEFT; FLDED1; KE05
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

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>OriGene sequence for NM_001039711.1
CACGGCCGCGGCGGCGGCGGCGGCGGCTGCTGGAGCCCGGATGCGGCGCCGTGAGGC
AGGCCCGGGAGAGCGGCGCGGATGGATCCAACATGGCGGCGCCGAGCCTGAGCCGAGAGA
AGAGACCTGGGAAATTAAGTTTCTTGCGGAGTACGGTGGGGATTGCAGCTGCTGAGCAGG
GATTCTGGAAAGCATTGCGTACCTGAGCCCCCAGCATGGCGGGCCTAAAGCGGCGGGCAA
GCCAGGTGTGGCCAGAAGAGCATGGTGAGCAGGAACATGGGCTGTACAGCCTGCACCGCA
TGTTTGACATCGTGGGCACTCATCTGACACACAGAGATGTGCGCGTGCTTTCTTTCCTCT
TTGTTGATGTCATTGATGACCACGAGCGTGGACTCATCCGAAATGGACGTGACTTCTTAT
TGGCACTGGAGCGCCAGGGCCGCTGTGATGAAAGTAACTTTCGCCAGGTGCTGCAGCTGC
TGCGCATCATCACTCGCCACGACCTGCTGCCCTACGTCACCCTCAAGAGGAGACGGGCTG
TGTGCCCTGATCTTGTAGACAAGTATCTGGAGGAGACATCAATTCGCTATGTGACCCCCA
GAGCCCTCAGTGATCCAGAACCAAGGCCTCCCCAGCCCTCTAAAACAGTGCCTCCCCACT
ATCCTGTGGTGTGTTGCCCCACTTCGGGTCCTCAGATGTGTAGCAAGCGGCCAGCCCGAG
GGAGAGCCACACTTGGGAGCCAGCGAAAACGCCGGAAGTCAGTGACACCAGATCCCAAGG
AGAAGCAGACATGTGACATCAGACTGCGGGTTCGGGCTGAATACTGCCAGCATGAGACTG
CTCTGCAGGGCAATGTCTTCTCTAACAAGCAGGACCCACTTGAGCGCCAGTTTGAGCGCT
TTAACCAGGCCAACACCATCCTCAAGTCCCGGGACCTGGGCTCCATCATCTGTGACATCA
AGTTCTCTGAGCTCACCTACCTCGATGCATTCTGGCGTGACTACATCAATGGCTCTTTAT
TAGAGGCACTTAAAGGTGTCTTCATCACAGACTCCCTCAAGCAAGCTGTGGGCCATGAAG
CCATCAAGCTGCTGGTAAATGTAGACGAGGAGGACTATGAGCTGGGCCGACAGAAACTCC
TGAGGAACTTGATGCTGCAAGCATTGCCCTGACCTATTCCCTCTTCTCACTTTGGGGACT
GTTCCCATCACCCACCTCTGGAGCTTACACTGTTCTGGGGTTTGTTCTCTACCCTTCCAA
CCAATCACACCCCTGCCTTTTTTTTTTTTTTTTTAAAGAAAAAGACAAAAGAAAGTGGAA
GTGGTATTCCCCACCCCTCCCTGCACCCATGTGCCTGGGCTTCCCCTTTATTTCCCTTTT
CCATTTACCCCGTAATGTGTCTCTACAGCTACCTTACCACTGAGCCGTAAGACAAATGTA
TAGGAAGAAGCAAAGTCTACAGCACATAGTCTTTGTAAGGGATTGATGTGAACACTTTTT
TTTGGATGCACTAAGGAGTTATCAATACTTCTGGCTTTATGAGAGCTCTTAAATTTTGTC
TAAAAAACCAAAGGGCTGTGAGTAAGGGAGCTATGTGGAAAGTGGGACTCTGAAGTGTAT
TTTGAAAATTAATCGCCACCCTCTTCCAAATTATAGAATTTTTTAAAAACAAGCTGTGGC
CCTTTCCACTCTCTCCTGGCCTCTGGTGCTGCTCCTCTCTGCCGCCTTTCCTCCATTCCA
TGGCTTGAAACCTCTGCCTGATGTGGCTCCTTCCTTTTTCCCATTTGTCAAACCCTCTTC
AAAGGAGGAACAGATAAGACTGGGTCAGCCTAGTCATGCCTCCCAACTGTGGTGGTATAT
GTGTACACACATACACAGGGTGGATGGAGAAGAGGTTGCTGATTAAAATACACTCCCCCT
ATAAAGGGGAAGGGGGAGTGTGACACTTTCTTTCCATGTTCAAGTGAAAATAAATAATGT
ACCCTGCAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: Please inquire

ACCN: NM_001039711

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:	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_001039711.1, NP_001034800.1
RefSeq Size:	2329 bp
RefSeq ORF:	957 bp
Locus ID:	9191
UniProt ID:	O75618
Cytogenetics:	1q23.3
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	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] Transcript Variant: This variant (3) differs in the 5' UTR and 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).