

Product datasheet for **SC310813**

DEDD (NM_001039712) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DEDD (NM_001039712) Human Untagged Clone
Tag:	Tag Free
Symbol:	DEDD
Synonyms:	CASP8IP1; DEDD1; DEFT; FLDED1; KE05
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310813 representing NM_001039712. Blue=Insert sequence Red=Cloning site Green=Tag(s)

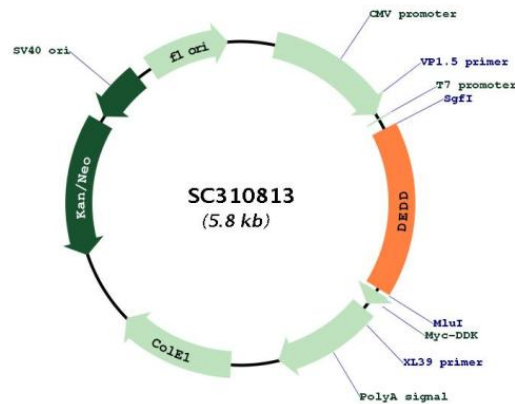
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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGCGGGCCTAAAGCGGCGGGCAAGCCAGGTGTGGCCAGAAGAGCATGGTGAGCAGGAACATGGGCTG
TACAGCCTGCACCGCATGTTTGACATCGTGGCACTCATCTGACACACAGAGATGTGCGCGTGCTTTCT
TTCCTCTTGTGATGTCATTGATGACCACGAGCGTGGACTCATCCGAAATGGACGTGACTTCTTATTG
GCACTGGAGCGCCAGGGCCGCTGTGATGAAAGTAACTTTCGCCAGGTGCTGCAGCTGCTGCCATCATC
ACTCGCCACGACCTGCTGCCCTACGTACCCTCAAGAGGAGACGGGCTGTGTGCCCTGATCTTGTAGAC
AAGTATCTGGAGGAGACATCAATTCGCTATGTGACCCCCAGGCCCTCAGTGATCCAGAACCAAGGCCT
CCCCAGCCCTCTAAAACAGTGCCTCCCCACTATCCTGTGGTGTGTGCCCACTTCGGGTCTCAGATG
TGTAGCAAGCGGCCAGCCGAGGGAGAGCCACACTTGGGAGCCAGCGAAAACGCCGGAAGTCAGTGACA
CCAGATCCCAAGGAGAAGCAGACATGTGACATCAGACTGCCGGTTCGGGCTGAATACTGCCAGCATGAG
ACTGCTCTGCAGGGCAATGTCTTCTCTAACAAGCAGGACCCACTTGAGCGCCAGTTTGAGCGCTTAAAC
CAGGCCAACACCATCCTCAAGTCCCGGGACCTGGGCTCCATCATCTGTGACATCAAGTTCTCTGAGCTC
ACCTACCTCGATGCATTCTGGCGTGACTACATCAATGGCTCTTTATTAGAGGCACTTAAAGGTGTCTTC
ATCACAGACTCCCTCAAGCAAGCTGTGGCCATGAAGCCATCAAGCTGCTGGTAAATGTAGACGAGGAG
GACTATGAGCTGGGCCGACAGAACTCCTGAGGAACTTGATGCTGCAAGCATTGCCCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001039712

Insert Size: 957 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).

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_001039712.1](#)

RefSeq Size: 2300 bp

RefSeq ORF: 957 bp

Locus ID:	9191
UniProt ID:	O75618
Cytogenetics:	1q23.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	36.8 kDa
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 (4) 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).</p>