

Product datasheet for **SC108318**

DEDD2 (NM_133328) Human Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | DEDD2 (NM_133328) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | DEDD2 |
| Synonyms: | FLAME-3; FLAME3 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_133328, the custom clone sequence may differ by one or more nucleotides |

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ATGGCGCTATCCGGGTCGACCCCGGCCCGTGCTGGGAGGAGGATGAGTGCCTGGACTACTACGGGATGC
TGTGCTTACCGTATGTTTCGAGGTGGTGGGCGGGCAACTGACCGAGTGCAGCTGGAGCTCCTGGCCTT
TCTGCTGGATGAGGCTCCTGGCGCCGCGGAGGCTTAGCCGGGCCCGCAGCGCCTAGAGCTCCTGCTG
GAGCTGGAGCGCCGCGGCAGTGCAGCAGAGCAACCTGCGGCTGCTGGGGCAACTCCTGCGCGTGTGG
CCCGCCACGACCTGCTGCCGACCTGGCGCGCAAGCGGCCCGGCCAGTGTCTCCAGAACGCTATAGCTA
TGGCACCTCCAGCTCTTCAAAGAGGACAGAGGGTAGCTGCCGTCGCCGTCGGCAGTCAAGCAGTTTGC
AATTCTCAGCAGGTCAGTGGGAGACAGGCTCCCCCAACCAAGCGGCAGCGCGGAGTCGGGGCCGGC
CCAGTGGTGGTGCAGACGGCGGAGAGGGGCCAGCCGACCCAGCAGCAGTCCAGAGCCCGCCAG
ACCTTCTCTGAAGGCAAAGTGACCTGTGACATCCGGCTCCGGGTTTCGAGCAGAGTACTGCGAGCATGGG
CCAGCCTTGGAGCAGGGCGTGGCATCCCGCGGCCCCAGGCGCTGGCGCGGCAGCTGGACGTGTTTGGG
AGGCCACCGCAGTGTGCGCTCAAGGGACCTGGGCTCTGTGGTTTGTGACATCAAGTTCTCAGAGCTCT
CTATCTGGACGCCTTCTGGGGCGACTACCTGAGTGGCGCCTGCTGCAGGCCCTGCGGGGCGTGTTCCTG
ACTGAGGCCCTGCGAGAGGCTGTGGGCCGGGAGGCTGTTGCGCTGCTGGTCAAGTGGATGAGGCTGACT
ATGAGGCTGGCCGCGCCGCTGTTGCTGATGGAGGAGGAAGGGGGCGGCCCGCCGACAGAGGCCTCCTG
A
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| | |
|-------------------------------------|--|
| 5' Read Nucleotide Sequence: | >OriGene 5' read for NM_133328 unedited TCACAATTGTATACGACTCACTATAGGCGGCCGGAATTCGCACCAGGTCGCCAGAAAGT CATCGGACGCCAGAATCTGGCCGGTTCTGAGCTTGTTCCGCCTCCCTCCCCGGGAATG GCGCTATCCGGTTCGACCCCGGCCCGTCTGGGAGGAGGATGAGTGCCTGGACTACTAC GGGATGCTGTGCTTACCGTATGTTTCGAGGTGGTGGCGGGCAACTGACCGAGTGCAG CTGGAGCTCCTGGCCTTCTGCTGGATGAGGCTCCTGGCGCCCGGAGGCTTAGCCCGG GCCCCGACGGCCTAGAGCTCCTGCTGGAGCTGGAGCGCCGCGGCGAGTGCAGCAGAGC AACCTGCGGCTGCTGGGCAACTCCTGCGCGTCTGGCCCGCCACGACCTGCTGCCGCAC CTGGCGCGCAAGCGCGCCGCGCCAGTGTCTCCAGAACGCTATAGCTATGGCACCTCCAGC TCTTCAAAGAGGACAGAGGGTAGCTGCCGTCGCCGTCGGCAGTCAAGCAGTTCTGCAAAT TCTCAGCAGGGTCAAGTGGGAGACAGGCTCCCCCAACCAAGCGGCAGCGCGGAGTTCGG GGCCGGCCAGTGGTGGTCCAGACGGCGGCGAGAGGGGCCAGCCGACCCAGCAGCAG CAGTCAGAGCCCGCCAGACCTTCTCTGAAGCAAGTACCTGTGACATCCGGCTCCGGG TTCGAGCAGAGTACTGCGAGCATGGCCAGCCTGNNAGCAGGGCGTGGCATCCCGCGGG CCCCAGCGCTGGCGCGCAGCTGGACGTGTTGGGCGAGCCACCGCAGTGTGCGCTCAG GGGACCTGGCTGTGGTTGTGACATCAGGTCTCAGAGCTTCTATCTGACGCCTCTG GGCGACTACCTGAGTGGCGCCCTGCTGCAGCCCTGCGGGCGTGGTCTGACTGAGCA |
| Restriction Sites: | ECoRI-NOT |
| ACCN: | NM_133328 |
| Insert Size: | 2000 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_133328.2 , NP_579874.1 |
| RefSeq Size: | 1951 bp |
| RefSeq ORF: | 981 bp |
| Locus ID: | 162989 |
| UniProt ID: | Q8WXF8 |
| Cytogenetics: | 19q13.2 |
| Domains: | DED |
| Protein Families: | Druggable Genome, Transcription Factors |

Gene Summary:

This gene encodes a nuclear-localized protein containing a death effector domain (DED). The encoded protein may regulate the trafficking of caspases and other proteins into the nucleus during death receptor-induced apoptosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Both variants 1 and 2 encode the same isoform (1).