

Product datasheet for **SC323825**

DEDD2 (NM_133328) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DEDD2 (NM_133328) Human Untagged Clone
Tag:	Tag Free
Symbol:	DEDD2
Synonyms:	FLAME-3; FLAME3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_133328.2
CGCCCAGGAGTCATCGGACGCCAGAATCTGGCCGGTTCTGAGCTTGTTCCGCCTCCCTC
CCCCGGGAATGGCGCTATCCGGGTGACCCCGGCCCGTCTGGGAGGAGGATGAGTGCC
TGGACTACTACGGGATGCTGTGCTTACCAGTATGTTTCGAGGTGGTGGGCGGGCAACTGA
CCGAGTGCAGCTGGAGCTCCTGGCCTTCTGCTGGATGAGGCTCCTGGCGCCCGGAG
GCTTAGCCCGGGCCCGCAGCGGCTAGAGCTCCTGCTGGAGCTGGAGCGCCGCGGCGAGT
GCGACGAGAGCAACCTGCGGCTGCTGGGCAACTCCTGCGCGTGTGGCCCGCCAGCACC
TGCTGCCGCACCTGGCGCGCAAGCGGCGCCAGTGTCTCCAGAACGCTATAGCTATG
GCACCTCCAGCTCTTCAAAGAGGACAGAGGGTAGCTGCCGTGCGCGTCCGCAAGTCAA
GTTCTGCAAATTCTCAGCAGGGTCACTGGGAGACAGGCTCCCCCAACCAAGCGGCAGC
GGCGGAGTCGGGGCCGGCCAGTGGTGGTCCAGACGGCGGCGGAGAGGGCCCCAGCCG
CACCCAGCAGCAGTCAAGAGCCCGCAGACCTTCTCTGAAGGCAAAGTACCTGTGACA
TCCGGCTCCGGTTCGAGCAGAGTACTGCGAGCATGGGCCAGCCTGGAGCAGGGCGTGG
CATCCCGCGGCCAGGCGCTGGCGCGCAGCTGGACGTGTTTGGGCGGCCACCGCAG
TGCTGCGCTCAAGGGACCTGGGCTCCGTGTTTGTGACATCAAGTTCTCAGAGCTCCT
ATCTGGAGCCTTCTGGGCGACTACCTGAGTGGTGCCTGCTGCAGGCCCTGCGGGGCG
TGTTCTGACTGAGGCCCTGCGAGAGGCTGTGGGCGGGAGGCTGTTCCGCTGCTGGTCA
GTGTGGATGAGGCTGACTATGAGGCTGGCCGGCGCCGCTGTTGCTGATGGAGGAGGAAG
GGGGGCGCGCCGACAGAGGCCCTGATCCAGGACTGGCAGGATTGATCCACCTCCA
AGTCTCCGGGCCACCTTCTCCTGGGAGGACGACCATCTTACCCCTAGAGGACTGTCACT
CTAGCATCTTTGAGGACTGCGACAGGACCGGGACAGCAGGCCCTTGACAGCCCCCTCCA
CAGGATGTGGGCTCTGAGGCCTAAACATTTCCAGCTGAGTTTCTTCCAGACTCCTCC
TACCCCAAGTGTGCCCCCTAGCCTCCGGAGGCGGGGCTGGGCTGTATCTCAGAAGG
GAGGGGCACAGCTACACACTCACCAAAGGCCCCCTGCACATTGTATCTCTGATCTTGGG
CTGTCTGCACTGTACAGGTGCACACACTCGCTCATGCTCACACTGCCCTGCTGAGATC
TTCCCTGGGCTCTGCCCTGGCCTGCTTCCAGCACACACTTCTTTGGCCTAAGGGCTTC
TCTCTCAGGACCTCTAATTTGACCACAACCAACCTGGGCTTCCAGCCACATCAGTGGGCAC
TGGAGCTGGGCTGCACATGGGCTGCTCACCTGCCACACATCTCCAGCCAGCCAGGG
CCCTGCCAGCTTCAATTTACAGACCTGACTCTCCTCACCTTCCCCCTGCTGTCCAGAG
CTGAACATAGACTTGCACTTGGATGTCACCTGGAGTGCACATGGGAGTGTATGGCAGC
ATCATACCAAGGCCTACTGTTGCACATGGGGCCAAAACAGTAAACAGCCACCTTCTTGG
AAAGGGAATGCAAAGGCTTTGGGGTGATGGAAAAGACCTTTTACAAATGATACCAATTA
AACTGCCCTGAAAAGGCATAGGTGGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: ECoRI-NOT

ACCN: NM_133328

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_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).