

Product datasheet for **RC206798**

DEDD2 (NM_133328) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DEDD2 (NM_133328) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DEDD2
Synonyms:	FLAME-3; FLAME3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC206798 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCTATCCGGTTCGACCCCGCCCGTGTGGGAGGAGGATGAGTGCCTGGACTACTACGGGATGC
TGTGCGTTCACCGTATGTTTCGAGGTGGTGGCGGGCAACTGACCGAGTGCAGCTGGAGCTCCTGGCCTT
TCTGCTGGATGAGGCTCCTGGCGCCCGGAGGCTTAGCCGGGCGCCAGCGGCTAGAGCTCCTGCTG
GAGCTGGAGCGCCGCGGCAGTGCAGCAGAGCAACCTGCGGCTGCTGGGCAACTCCTGCGCGTGTGG
CCCGCCACGACCTGCTGCCGACCTGGCGCGAAGCGGCGCCGAGTGTCTCCAGAACGCTATAGCTA
TGGCACCTCCAGCTCTTCAAAGAGGACAGAGGGTAGTGCCTGCCGTCGGCAGTCAAGCAGTTCTGCA
AATTCTCAGCAGGGTCAAGTGGGAGACAGGCTCCCCCAACCAAGCGGCAGCGGCGGAGTCGGGGCCGGC
CCAGTGGTGGTGCAGACGGCGGCGGAGAGGGGCCAGCCGACCCAGCAGCAGTCAAGAGCCCGCCAG
ACCTTCTCTGAAGGCAAAGTGACCTGTGACATCCGGTCCGGTTCGAGCAGAGTACTGCGAGCATGGG
CCAGCCTTGGAGCAGGGCGTGGCATCCCGCGGCCAGGCGCTGGCGCGGCAGCTGGACGTGTTTGGG
AGGCCACCGCAGTGTGCGCTCAAGGACCTGGGCTCCGTGGTGTGACATCAAGTTCTCAGAGCTCTC
CTATCTGGACGCCTTCTGGGCGACTACCTGAGTGGTCCCTGCTGCAGGCCCTGCGGGGCGTGTTCCTG
ACTGAGGCCCTGCGAGAGGCTGTGGCCGGGAGGCTGTTCCGCTGCTGGTCAAGTGTGGATGAGGCTGACT
ATGAGGCTGGCCGCGCCGCTGTTGCTGATGGAGGAGGAAGGGGGCGCGCCCGACAGAGGCCCTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC206798 protein sequence
Red=Cloning site Green=Tags(s)

MALSGSTPAPCWEDECLDYYGMLSLHRMFEVVGQLTECELELLAFLLDEAPGAAGGLARARSGLELLL
 ELERRGQCDESNLRLLGQLLRVLARHDLLPHLARKRRRPVSPERYSGTSSSSKRTEGSCRRRRQSSSSA
 NSQQGWETGSPPTKRQRRSRGRPSGGARRRRRGAPAAPQQQSEPARPSSEGKVTCDIRLRVRAEYCEHG
 PALEQGVASRRPQALARQLDVFQATAVLRSRDLGSVVCIDIKFSELSYLDADFWDYLSGALLQALRGVFL
 TEALREAVGREAVRLLVSVDEADYEAGRRRLLMEEEGRRPTEAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6327_g07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_133328

ORF Size: 978 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: 2025 bp

RefSeq ORF: 981 bp

Locus ID: 162989

UniProt ID: [Q8WXF8](#)

Cytogenetics: 19q13.2

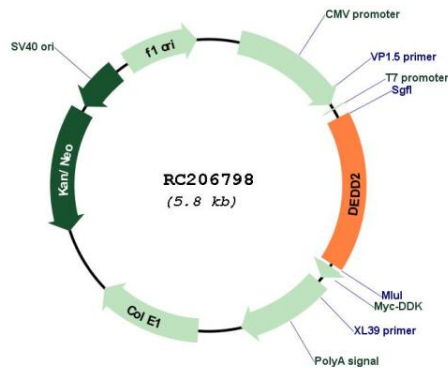
Domains: DED

Protein Families: Druggable Genome, Transcription Factors

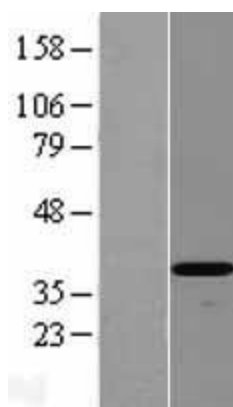
MW: 36.2 kDa

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]

Product images:



Circular map for RC206798



Western blot validation of overexpression lysate (Cat# [LY408867]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC206798 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).