

Product datasheet for **RG200590**

DEDD (NM_001039711) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DEDD (NM_001039711) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DEDD
Synonyms:	CASP8IP1; DEDD1; DEFT; FLDED1; KE05
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG200590 representing NM_001039711 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGCCTAAAGCGGCGGGCAAGCCAGGTGTGGCCAGAAGAGCATGGTGAGCAGGAACATGGGCTGT
ACAGCCTGCACCGCATGTTTGACATCGTGGCACTCATCTGACACACAGAGATGTGCGCGTGCTTTCTTT
CCTCTTTGTTGATGTCATTGATGACCACGAGCGTGGACTCATCCGAAATGGACGTGACTTCTTATTGGCA
CTGGAGCGCCAGGCGCGTGTGATGAAAGTAACTTTCGCCAGGTGCTGCAGCTGCTGCCATCATCACTC
GCCACGACCTGCTGCCCTACGTACCCTCAAGAGGAGACGGGCTGTGTGCCCTGATCTTGTAGACAAGTA
TCTGGAGGAGACATCAATTCGCTATGTGACCCCAAGGCCCTCAGTGATCCAGAACCAAGGCCCTCCCCAG
CCCTCTAAAACAGTGCCTCCCCACTATCCTGTGGTGTGTTGCCCACTTCGGGTCCCTCAGATGTGTAGCA
AGCGGCCAGCCGAGGGAGGCCACACTTGGGAGCCAGCGAAAACGCCGGAAGTCAGTGACACCAGATCC
CAAGGAGAAGCAGACATGTGACATCAGACTGCGGGTTCGGGTGAATACTGCCAGCATGAGACTGCTCTG
CAGGGCAATGTCTTCTAACAAGCAGGACCCACTTGAGCGCCAGTTTGAAGCGCTTAAACAGGCCAACA
CCATCCTCAAGTCCCGGACCTGGGCTCCATCATCTGTGACATCAAGTTCTCTGAGCTCACCTACCTCGA
TGCATTCTGGCGTACTACATCAATGGCTCTTTATTAGAGGCACTTAAAGGTGTCTTCATCACAGACTCC
CTCAAGCAAGCTGTGGCCATGAAGCCATCAAGCTGCTGGTAAATGTAGACGAGGAGGACTATGAGCTGG
CCCGACAGAACTCCTGAGGAACCTGATGCTGCAAGCATTGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG200590 representing NM_001039711
 Red=Cloning site Green=Tags(s)

MAGLKRRASQVWPEEHGEQEHLGYSLHRMFDIVGTHLTHRDVVRVLSFLFVDVIDDHERGLIRNGRDFLLA
 LERQGRCDSESNFRQVLQLLRITRHDLLPYVTLKRRRAVCPDLVDKYLEETSIRYVTPRALSDPEPRPPQ
 PSKTVPPHYVVCCTSGPQMCSKRPARGRATLGSQRKRRKSVTPDPKEKQTCDIRLRVRAEYCQHETAL
 QGNVFSNKQDPLERQFERFNQANTILKSRDLGSIICDIKFSELTYLDAFWRDYINGSLLEALKGVFITDS
 LKQAVGHEAIKLLVNVDEEDYELGRQKLLRNLMLQALP

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001039711

ORF Size: 954 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_001039711.1](#), [NP_001034800.1](#)

RefSeq Size: 2329 bp

RefSeq ORF: 957 bp

Locus ID: 9191

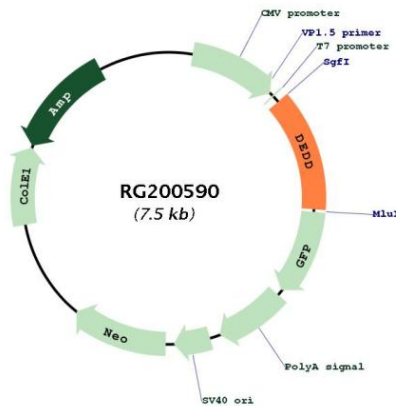
UniProt ID: [O75618](#)

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]

Product images:



Circular map for RG200590