

## Product datasheet for **RG212926**

### DEDD (NM\_032998) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DEDD (NM_032998) 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:	>RG212926 representing NM_032998 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGGCCTAAAGCGGGCGGCAAGCCAGGTGTGGCCAGAAGAGCATGGTGAGCAGGAACATGGGCTGT  
ACAGCCTGCACCGCATGTTTGACATCGTGGCACTCATCTGACACACAGAGATGTGCGCGTGCTTTCTTT  
CCTCTTTGTTGATGTCATTGATGACCACGAGCGTGGACTCATCCGAAATGGACGTGACTTCTTATTGGCA  
CTGGAGCGCCAGGGCCGCTGTGATGAAAGTAACTTTCGCCAGGTGCTGCAGCTGCTGCCATCATCACTC  
GCCACGACCTGCTGCCCTACGTACCCTCAAGAGGAGACGGGCTGTGTGCCCTGATCTTGTAGACAAGTA  
TCTGGAGGAGACATCAATTCGCTATGTGACCCCAAGGCCCTCAGTGATCCAGAACCAAGGCCCTCCCCAG  
CCCTCTAAAACAGTGCCTCCCCACTATCCTGTGGTGTGTTGCCCACTTCGGGTCCTCAGATGTGTAGCA  
AGCGGCCAGCCGAGGGAGGCCACACTTGGGAGCCAGCGAAAACGCCGGAAGTCAGTGACACCAGATCC  
CAAGGAGAAGCAGACATGTGACATCAGACTGCGGGTTCGGGTGAATACTGCCAGCATGAGACTGCTCTG  
CAGGGCAATGTCTTCTAACAAGCAGGACCCACTTGAGCGCCAGTTTGAAGCGCTTAAACAGGCCAACA  
CCATCCTCAAGTCCCGGACCTGGGCTCCATCATCTGTGACATCAAGTTCTCTGAGCTCACCTACCTCGA  
TGCATTCTGGCGTGAATCAATGGCTCTTTATTAGAGGCACTTAAAGGTGTCTTCATCACAGACTCC  
CTCAAGCAAGCTGTGGCCATGAAGCCATCAAGCTGCTGGTAAATGTAGACGAGGAGGACTATGAGCTGG  
CCCGACAGAACTCCTGAGGAACCTGATGCTGCAAGCATTGCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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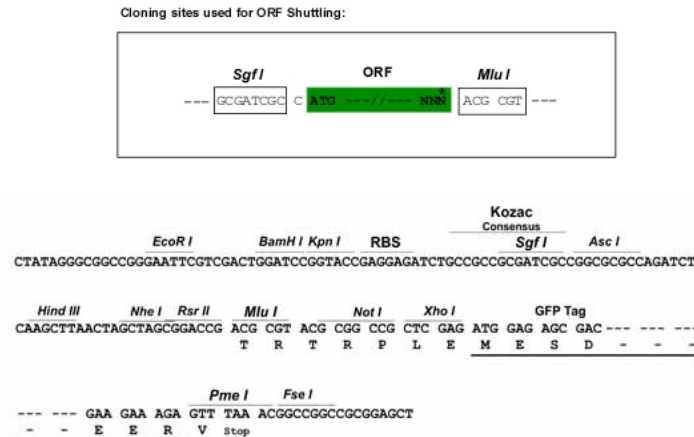
**Protein Sequence:** >RG212926 representing NM\_032998  
Red=Cloning site Green=Tags(s)

MAGLKRRASQVWPEEHGEQEHL YSLHRMFDIVGTHLTHR DVRVLSFLFVDVIDDHERGLIRNGRDFLLA  
 LERQGRCDSESNFRQVLQLLR IITRHDLLPYVTLKRRRAVCPDLVDKYLEETSIRYVTPRALSDPEPRPPQ  
 PSKTVPHPYPVCCPTSGPQMCSKRPARGRATLGSQRKRKSVTPDPKEKQTCDIRLRVRAEYCQHETAL  
 QGNVFSNKQDPLERQFERFNQANTILKSRDLGSIICDIKFSELT YLDAFWRDYINGSLLEALKGVFITDS  
 LKQAVGHEAIKLLVNVDEEDYELGRQKLLRNLMLQALP

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_032998

**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\\_032998.3](#)

**RefSeq Size:** 2261 bp

**RefSeq ORF:** 957 bp

**Locus ID:** 9191

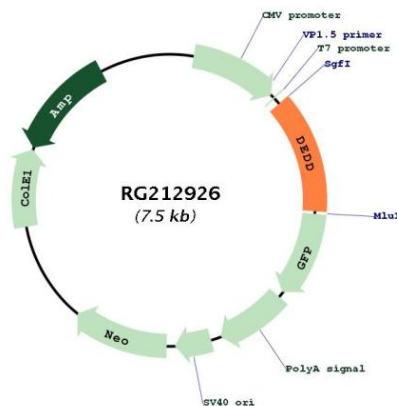
**UniProt ID:** [O75618](#)

**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 RG212926