

## Product datasheet for **RG214260**

### DEDD (NM\_001039712) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** DEDD (NM\_001039712) 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:** >RG214260 representing NM\_001039712  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGGCCTAAAGCGGGCGGCAAGCCAGGTGTGGCCAGAAGAGCATGGTGAGCAGGAACATGGGCTGT  
 ACAGCCTGCACCGCATGTTTGACATCGTGGCACTCATCTGACACACAGAGATGTGCGCGTGCTTTCTTT  
 CCTTTTGTGATGTCATTGATGACCACGAGCGTGGACTCATCCGAAATGGACGTGACTTCTTATTGGCA  
 CTGGAGCGCCAGGGCCGCTGTGATGAAAGTAACTTTCGCCAGGTGCTGCAGCTGCTGCCATCATCACTC  
 GCCACGACCTGCTGCCCTACGTACCCTCAAGAGGAGACGGGCTGTGTGCCCTGATCTTGTAGACAAGTA  
 TCTGGAGGAGACATCAATTCGCTATGTGACCCCAAGGCCCTCAGTGATCCAGAACCAAGGCCCTCCCCAG  
 CCCTCTAAAACAGTGCCTCCCCACTATCCTGTGGTGTGTTGCCCACTTCGGGTCCCTCAGATGTGTAGCA  
 AGCGGCCAGCCGAGGGAGGCCACACTTGGGAGCCAGCGAAAACGCCGGAAGTCAGTGACACCAGATCC  
 CAAGGAGAAGCAGACATGTGACATCAGACTGCGGGTTCGGGTGAATACTGCCAGCATGAGACTGCTCTG  
 CAGGGCAATGTCTTCTAACAAGCAGGACCCACTTGAGCGCCAGTTTGAAGCGCTTAAACAGGCCAACA  
 CCATCCTCAAGTCCCGGACCTGGGCTCCATCATCTGTGACATCAAGTTCTCTGAGCTCACCTACCTCGA  
 TGCATTCTGGCGTACTACATCAATGGCTCTTTATTAGAGGCACTTAAAGGTGTCTTCATCACAGACTCC  
 CTCGAAGCAAGCTGTGGCCATGAAGCCATCAAGCTGCTGGTAAATGTAGACGAGGAGGACTATGAGCTGG  
 CCGGACAGAACTCCTGAGGAACCTGATGCTGCAAGCATTGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG214260 representing NM\_001039712  
Red=Cloning site Green=Tags(s)

MAGLKRRASQVWPEEHGEQEHLGYSLHRMFDIVGTHLTHRDVRLSFLFVDVIDDHERGLIRNGRDFLLA  
 LERQGRCDSESNFRQVLQLLRITRHDLLPYVTLKRRRAVCPDLVDKYLEETSIRYVTPRALSDPEPRPPQ  
 PSKTVPHPYPVCCPTSGPQMCSKRPARGRATLGSQRKRRKSVTPDPKEKQTCDIRLVRVRAEYCQHETAL  
 QGNVFSNKQDPLERQFERFNQANTILKSRDLGSIICDIKFSELTYLDAFWRDYINGSLLEALKGVFITDS  
 LKQAVGHEAIKLLVNVDEEDYELGRQKLLRNLMLQALP

TRTRPLE - GFP Tag - V

**Restriction Sites:**

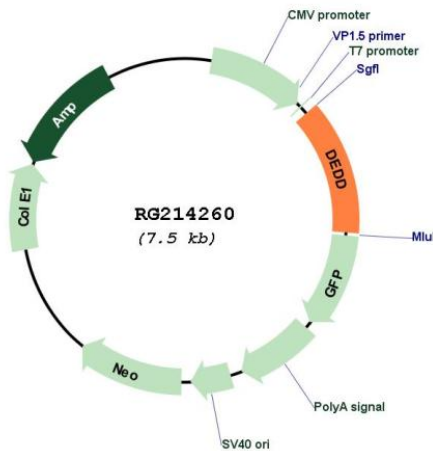
Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_001039712

**ORF Size:** 954 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001039712.1</a> , <a href="#">NP_001034801.1</a>
<b>RefSeq Size:</b>	2300 bp
<b>RefSeq ORF:</b>	957 bp
<b>Locus ID:</b>	9191
<b>UniProt ID:</b>	<a href="#">O75618</a>
<b>Cytogenetics:</b>	1q23.3
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>Gene Summary:</b>	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]