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Product datasheet for RG206798

DEDD2 (NM_133328) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DEDD2 (NM_133328) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DEDD2
Synonyms:	FLAME-3; FLAME3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

>RG206798 representing NM_133328
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGCTATCCGGGTCGACCCCGGCCCCGTGCTGGGAGGAGGATGAGTGCCTGGACTACTACGGGATGC
TGTCGCTTCACCGTATGTTCGAGGTGGTGGGCGGGCAACTGACCGAGTGCGAGCTGGAGCTCCTGGCCTT
TCTGCTGGATGAGGCTCCTGGCGCCGCCGGAGGCTTAGCCCGGGCCCGCAGCGGCCTAGAGCTCCTGCTG
GAGCTGGAGCGCCGCGGGCAGTGCGACGAGAGCAACCTGCGGCTGCTGGGGCAACTCCTGCGCGTGCTGG
CCCGCCACGACCTGCTGCCGCACCTGGCGCGCAAGCGGCGCCGGCCAGTGTCTCCAGAACGCTATAGCTA
TGGCACCTCCAGCTCTTCAAAGAGGACAGAGGGTAGCTGCCGTCGCCGTCGGCAGTCAAGCAGTTCTGCA
AATTCTCAGCAGGGTCAGTGGGAGACAGGCTCCCCCCCAACCAAGCGGCAGCGGCGGAGTCGGGGCCGGC
CCAGTGGTGGTGCCAGACGGCGGCGGAGAGGGGCCCCAGCCGCACCCCAGCAGCAGTCAGAGCCCGCCAG
ACCTTCCTCTGAAGGCAAAGTGACCTGTGACATCCGGCTCCGGGTTCGAGCAGAGTACTGCGAGCATGGG
CCAGCCTTGGAGCAGGGCGTGGCATCCCGGCGGCCCCAGGCGCTGGCGCGGCAGCTGGACGTGTTTGGGC
AGGCCACCGCAGTGCTGCGCTCAAGGGACCTGGGCTCCGTGGTTTGTGACATCAAGTTCTCAGAGCTCTC
CTATCTGGACGCCTTCTGGGGCGACTACCTGAGTGGTGCCCTGCTGCAGGCCCTGCGGGGCGTGTTCCTG
ACTGAGGCCCTGCGAGAGGCTGTGGGCCGGGAGGCTGTTCGCCTGCTGGTCAGTGTGGATGAGGCTGACT
ATGAGGCTGGCCGGCGCCGCCTGTTGCTGATGGAGGAGGAAGGGGGGCGGCGCCCGACAGAGGCCTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

View online »

Protein Sequence:

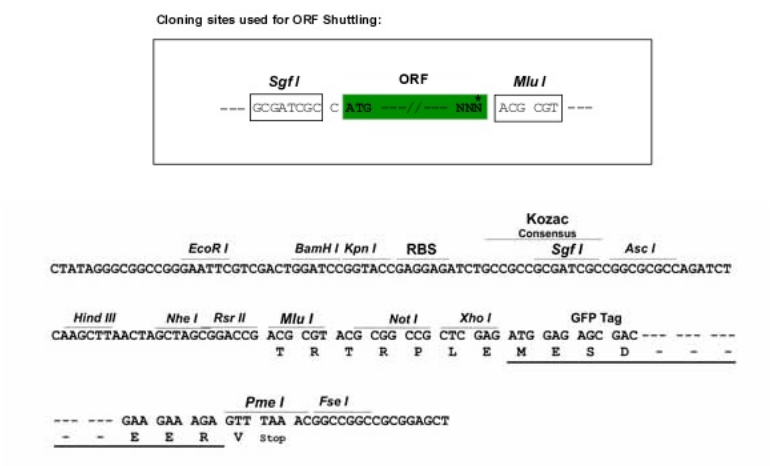
>RG206798 representing NM_133328
Red=Cloning site Green=Tags(s)

MALSGSTPAPCWEEDECLDYYGMLSLHRMFEVVGGQLTECELELLAFLLDEAPGAAGGLARARSGLELLL
ELERRGQCDESNLRLLGQLLRVLARHDLLPHLARKRRRPVSPERYSYGTSSSSKRTEGSCRRRRQSSSSA
NSQQGQWETGSPPTKRQRRSRGRPSGGARRRRRGAPAAPQQQSEPARPSSEGKVTCDIRLRVRAEYCEHG
PALEQGVASRRPQALARQLDVFGQATAVLRSRDLGSVVCDIKFSELSYLDAFWGDYLSGALLQALRGVFL
TEALREAVGREAVRLLVSVDEADYEAGRRRLLLMEEEGGRRPTEAS

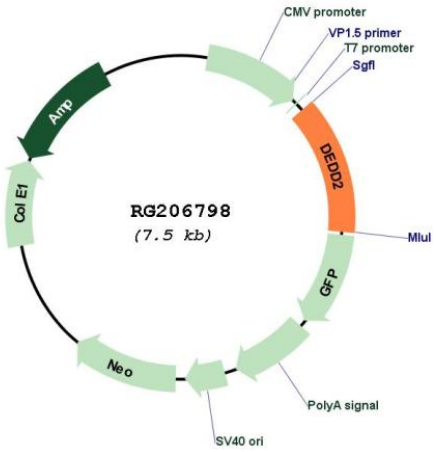
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



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:	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]