

Product datasheet for **RG233773**

DEDD2 (NM_001270614) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DEDD2 (NM_001270614) 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:	>RG233773 representing NM_001270614 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCTATCCGGTTCGACCCCGCCCGTGTGGGAGGAGGATGAGTGCCTGGACTACTACGGGATGC
TGTGCGTTCACCGTATGTTTCGAGGTGGTGGCGGGCAACTGACCGAGTGCAGCTGGAGCTCCTGGCCTT
TCTGCTGGATGAGGCTCCTGGCGCCCGGAGGCTTAGCCGGGCGCCAGCGGCTAGAGCTCCTGCTG
GAGCTGGAGCGCCGCGGCGAGTGCAGCAGAGCAACCTGCGGCTGCTGGGCAACTCCTGCGCGTGTGG
CCCGCCACGACCTGCTGCCGACCTGGCGCGCAAGCGGCGCCGCGCAGTGTCTCCAGAACGCTATAGCTA
TGGCACCTCCAGCTCTTCAAAGAGGACAGAGGGTAGCTGCCGTGCCGTGGCAGTCAAGCAGTTCTGCA
AATTCTCAGCAGGGTCAAGTGGGAGACAGGCTCCCCCAACCAAGCGGCAGCGGCGGAGTCCGGGCGCGC
CCAGTGGTGGTGCAGACGGCGCGGAGAGGGGCCAGCCGACCCAGCAGCAGTCCAGAGCCCGCCAG
ACCTTCTCTGAAGGCAAAGTGACCTGTGACATCCGGTCCGGTTCGAGCAGAGTACTGCGAGCATGGG
CCAGCCTTGGAGCAGGGCGTGGCATCCCGCGGCCAGCGCTGGCGCGCAGCTGGACGTGTTTGGGC
AGGCCACCGCAGTGTGCGCTCAAGGGACCTGGGCTCTGTGGTTTGTGACATCAAGTTCTCAGAGCTCTC
CTATCTGGACGCCTTCTGGGCGACTACCTGAGTGGCGCCCTGCTGCAGGCCCTGCGGGGCGTGTTCCTG
ACTGAGGCCCTGCGAGAGGCTGTGGCCGGGAGGCTGTTTCGCTGCTGGTCAAGTGTGGATGAGGCTGACT
ATGAGGCTGGCCGCGCCGCTGTTGCTGATGGAGGAGGAAGGGGGCGCGCCCGACAGAGGCCCTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG233773 representing NM_001270614
Red=Cloning site Green=Tags(s)

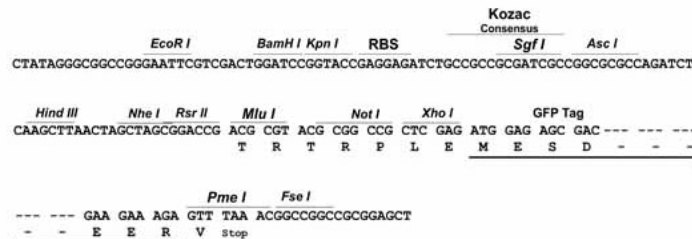
MALSGSTPAPCWEDECLDYYGMLSLHRMFEVVGQLTECELELLAFLLDEAPGAAGGLARARSGLELLL
 ELERRGQCDESNLRLGQLLRVLARHDLLPHLARKRRRPVSPERYSYGTSSSSKRTEGSCRRRRQSSSSA
 NSQQGWETGSPPTKRQRRSRGRPSGGARRRRRGAPAAPQQQSEPARPSSEKVTCDIRLRVRAEYCEHG
 PALEQGVASRRPQALARQLDVFQQATAVLRSRDLGSVVCIDIKFSELSYLDAFWGDYLSGALLQALRGVFL
 TEALREAVGREAVRLLVSVDEADYEAGRRRLLLMEEEGRRRPEAS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_001270614

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_001270614.2](#)

RefSeq Size: 1943 bp

RefSeq ORF: 981 bp

Locus ID: 162989

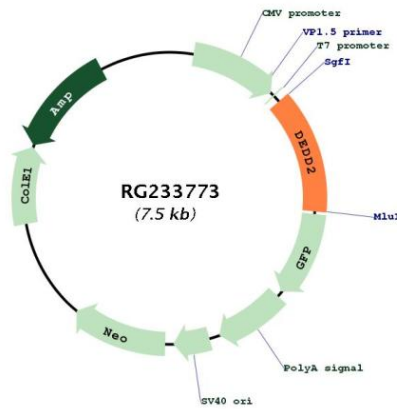
UniProt ID: [Q8WXF8](#)

Cytogenetics: 19q13.2

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]

Product images:



Circular map for RG233773