

Product datasheet for **MG204459**

Dedd2 (NM_207677) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dedd2 (NM_207677) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Dedd2
Synonyms:	2410050E11Rik; FLAME-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204459 representing NM_207677 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTTGTCCGGTTCGACCCCGGCCCGAGCTGGGAGGAGGATGAGTGTGGATTACTACGGCATGC
TGTCGCTTCACCGTATGTTTCGAGGTAGTGGCGGGCAGCTGACCGAGTGCGAAGTGGAGCTCCTGGCCTT
CCTGCTGGATGAGGCCCGCGCCCGGGCGGCTGGCCCGCGCCCGCAGCGGCTGGAGCTGCTTCTG
GAGCTGGAACCGCGGGCAGTGCACGAGAGCAACCTGCGGCTGCTGAGCCAACCTCTGCGCGTGTAG
CCGTCACGACCTCCTGCCACATCTGGCGCGCAAGCGGCGCCGGCAGTGTCCCCTGAGCGATACAGCTA
TGGCAATCCCAGCTCTTCTTCCAAGAGGACAGAGGACAGTTGCCGCGTGGCGCAGCGGAGCAGTCTC
TCGGACTCTCCTCAGAGTCAGTGGGACACAGGCTCCCCACCAACCAAGCGGCAGCGGCGGAGTCGGGGCC
GCCCTAGCAGTGGTGCCCGCAGCGGCGGAGAGCAGGCTTGCAGCCTCGCAGCAGCACCAGCAGCACCA
GGAGTTGGGCAGGCCCTCCTCAGAAGGCAAGGTGACCTGTGACATCCGGCTCCGGGTTCCGGGAGAGTAC
TGCGAGCATGGGCAGCCTTGGAGCAGGTGTGGCGTCCCGGAGACCTCAGGCGTTGGCCCGCAGCTGG
ATGTGTTGGACAAGCCACTGCTGTGCTGCGGTCAAGGGACCTGGGCTCTGTGGTGTGTGACATCAAGTT
CTCAGAGCTGTCTATCTGGACGCTTCTGGGGGACTACCTGAGTGGCGCCCTGCTGCAGGCCCTTCGG
GGCGTGTCTCTGACTGAGGCTTTACGGGAGGCCGTGGCCGAGAGGCTGTCCGCTTGTGTTGAGTGTGG
ACGAGGCTGACTATGAGGCTGGCCGGCTCGCCTGTTGCTGATGGAGGAGGAAGGAGGGCGGCGTGGGAC
CGAGGCTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204459 representing NM_207677
 Red=Cloning site Green=Tags(s)

MALSGSTPAPSWEEDECLDYGM LSLHRMFEVVGQLTECELELLAFLLDEAPGAPGGLARARSGLELLL
 ELERRGQCDESNLRLLSQLLRVLARHDLLPHLARKRRRPVSPERYSYGNPSSSSKRTEDSCRRRRQASSS
 SDSPQSQWDTGSPPTKRQRRSRGRPSSGARQRRRAGLAASQHQHQHQLGRPSSEKVTCDIRLRVRAEY
 CEHGPALREQVASRRPQALARQLDVFQQATAVLRSDLGSVVCDIKF SELSYLDAFWGDYLSGALLQALR
 GVFLTEALREAVGREAVRLLVSVDEADYEAGRRRLLLLMEEEGRRRGTEAS

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_207677

ORF Size: 990 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_207677.3](#), [NP_997560.3](#)

RefSeq Size: 1828 bp

RefSeq ORF: 993 bp

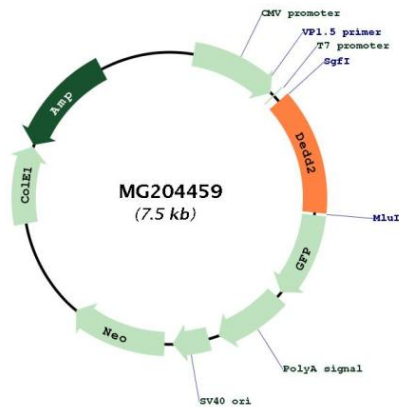
Locus ID: 67379

UniProt ID: [Q8QZV0](#)

Cytogenetics: 7 A3

Gene Summary: May play a critical role in death receptor-induced apoptosis and may target CASP8 and CASP10 to the nucleus. May regulate degradation of intermediate filaments during apoptosis. May play a role in the general transcription machinery in the nucleus and might be an important regulator of the activity of GTF3C3.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG204459