

Product datasheet for MR204459

Dedd2 (NM_207677) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dedd2 (NM_207677) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dedd2
Synonyms:	2410050E11Rik; FLAME-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204459 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTTGTCCGGTTCGACCCCGGCCGAGCTGGGAGGAGGATGAGTGTGGATTACTACGGCATGC
TGTCGTTCCACCGTATGTTTCGAGGTAGTGGCGGGCAGCTGACCGAGTGCGAAGTGGAGCTCCTGGCCTT
CCTGCTGGATGAGGCCCGCGCCCGGGCGGCTGGCCCGCGCCGACGGCCTGGAGCTGCTTCTG
GAGCTGGAACCGCGGGCAGTGCAGCAGAGCAACCTGCGGCTGCTGAGCCAACCTCTGCGCTGCTAG
CCGTCACGACCTCCTGCCACATCTGGCGCGAAGCGGCGCCGGCAGTGTCCCCTGAGCGATACAGCTA
TGGAATCCCAGCTCTTCTTCCAAGAGGACAGAGGACAGTTGCCGCGTGGCGCAGGGCAGCAGTCT
TCGGACTCTCCTCAGAGTCAGTGGGACACAGGCTCCCCACCAACCAAGCGGCAGCGGGGAGTCGGGGCC
GCCCTAGCAGTGGTGCCCGCAGCGGGGAGAGCAGGCTTGCAGCCTCGCAGCAGCACCAGCAGCACCA
GGAGTTGGGCAGGCCCTCCTCAGAAGGCAAGGTGACCTGTGACATCCGGCTCCGGGTCGGGCAGAGTAC
TGCGAGCATGGGCCAGCCTTGGAGCAGGTGTGGCGTCCCGGAGACCTCAGGCGTTGGCCCGCAGCTGG
ATGTGTTGGACAAGCCACTGCTGTGCTGCGGTCAAGGGACCTGGGCTCTGTGGTGTGTGACATCAAGTT
CTCAGAGCTGTCTATCTGGACGCTTCTGGGGGACTACCTGAGTGGCGCCCTGCTGCAGGCCCTTCGG
GGCGTGTCTGACTGAGGCTTTACGGGAGGCCGTGGCCGAGAGGCTGTCCGCTTGTGCTGAGTGTGG
ACGAGGCTGACTATGAGGCTGGCCGGCTGCGCTGTTGCTGATGGAGGAGGAAGGAGGGCGCGCTGGGAC
CGAGGCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR204459 protein sequence
Red=Cloning site Green=Tags(s)

MALSGSTPAPSWEEDECLDYYGMLSLHRMFEVVGQLTECELELLAFLLDEAPGAPGGLARARSGLELLL
 ELERRGQCDESNLRLLSQLLRVLARHDLLPHLARARRRPPSPERYSYGNPSSSSKRTEDSCRRRRQASSS
 SDSPQSQWDTGSPPTKRQRRSRGRPSSGARQRRRAGLAASQHQHQHQLGRPSSEGVKTCDIRLRVRAEY
 CEHGPALEQGVASRRPQALARQLDVFQQATAVLRSDLGSVVCDIKFSELSYLDAFWGDYLSGALLQALR
 GVFLTEALREAVGREAVRLLVSVDEADYEAGRRRLLLLMEEEGRRRGTEAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_207677

ORF Size: 993 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

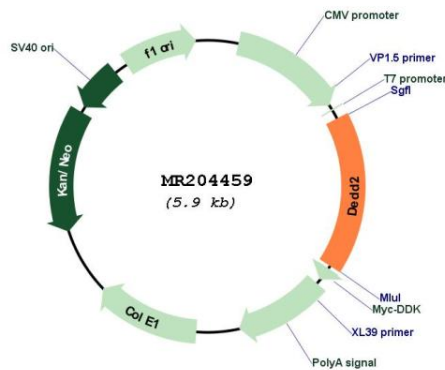
UniProt ID: [Q8QZV0](#)

Cytogenetics: 7 A3

MW: 36.8 kDa

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 MR204459