

Product datasheet for **MR223652**

Dedd (NM_001128609) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dedd (NM_001128609) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dedd
Synonyms:	CASP8IP1; Dedpro1; DEFT; FLDED1; KE05
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR223652 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGCCTAAAGAGGCGGGCAAGCCAGGTGTGGCCGAAGAGCGTGGGGAGCAAGAACATGGGCTCT
ACAGCCTCCACCGCATGTTTCGACATCGTGGGCACCCACCTAACACACAGAGATGCCGAGTGCTTTCCTT
CCTTTTGTGATGTTATTGATGACCATGAACGTGGACTCATCCGAAATGGACGTGACTTCTTATTGGCA
CTGGAGCGCCAGGGCCGCTGTGACGAGAGTAACTTTCGCCAGGTGCTGCAGCTGCTGCCATCATCACTC
GCCATGACTTGCTGCCCTACGTTACTCTCAAGAAGAGACGAGCTGTGTGCCCTGATCTTGTAGACAAGTA
TCTGGAGGAAACATCAATTTCGCTATGTGACCCCAAGGCCCTCAGTGACCCAGAACCAGGCCTCCCCAG
CCCTCTAAAACAGTGCCTCCCCACTATCCTGTGGTGTGCTGCCCACTTCGGGTTCTCAAATGTGTAGTA
AGCGGCCAGCCGAGGGAGAACCACACTTGGGAGCCAGCGAAAACGCCGGAAGTCGGTGACACCAGACCC
GAAGGAAAAGCAGACATGTGATATCAGGCTCCGAGTTCGGGCGGAATACTGCCAGCATGAGACGGCTCTG
CAAGGCAATGTCTTCTCCAATAAGCAGGACCCACTTGAGCGCCAGTTTGAAGCGCTTAAACAGGCCAACA
CTATCCTCAAGTCCCGGACCTGGGCTCCATCATCTGTGACATCAAGTTCTCTGAGCTCACCTACCTCGA
CGCATTCTGGCGAGACTACATTAATGGTCAATTATTAGAGGCACTGAAAGGTGTCTTCATCACAGACTCT
CTCAAGCAAGCTGTGGCCATGAAGCCATCAAGCTGCTGGTGAACGTGGATGAGGAGGACTATGAGCTGG
CCCGACAGAACTCCTGAGGAACCTGATGCTGCAGGCATTACCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR223652 protein sequence
Red=Cloning site Green=Tags(s)

MAGLKRRASQVWPEERGEQEHLVSLHRMFDIVGTHLTHRDVRLSFLFVDVIDDHERGLIRNGRDFLLA
 LERQGRCDENFRQVLQLLRITRHDLLPYVTLKKRRAVCPDLVDKYLEETSIRYVTPRALSDPEPRPPQ
 PSKTVPPHYVVCPTSGSQMCKRPARGRITLGSQRKRRKSVTPDPKEKQTCDIRLVRVRAEYCQHETAL
 QGNVFSNKQDPLERQFERFNQANTILKSRDLGSIICDIKFSELTYLDAFWRDYINGSLLEALKGVFITDS
 LKQAVGHEAIKLLVNVDEEDYELGRQKLLRNLMLQALP

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_001128609

ORF Size: 954 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_001128609.1](#), [NP_001122081.1](#)

RefSeq Size: 2733 bp

RefSeq ORF: 957 bp

Locus ID: 21945

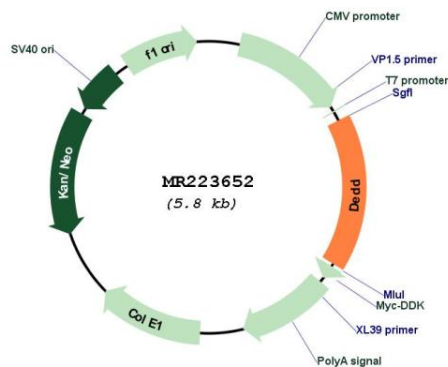
UniProt ID: [Q9Z1L3](#)

Cytogenetics: 1 79.34 cM

MW: 36.8 kDa

Gene Summary: A scaffold protein that directs CASP3 to certain substrates and facilitates their ordered degradation during apoptosis. May also play a role in mediating CASP3 cleavage of KRT18. Regulates 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 (By similarity). Inhibits DNA transcription in vitro.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR223652