

Product datasheet for **MG223652**

Dedd (NM_001128609) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dedd (NM_001128609) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Dedd
Synonyms:	CASP8IP1; Dedpro1; DEFT; FLDED1; KE05
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG223652 representing NM_001128609 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGCCTAAAGAGGCGGGCAAGCCAGGTGTGGCCGAAGAGCGTGGGGAGCAAGAACATGGGCTCT
ACAGCCTCCACCGCATGTTTCGACATCGTGGGCACCCACCTAACACACAGAGATGCCGAGTGCTTTCCTT
CCTTTTGTGATGTTATTGATGACCATGAACGTGGACTCATCCGAAATGGACGTGACTTCTTATTGGCA
CTGGAGCGCCAGGCGCTGTGACGAGAGTAACCTTCGTCAGGTGCTGCAGCTGCTGCCATCATCACTC
GCCATGACTTGCTGCCCTACGTTACTCTCAAGAAGAGACGCGCTGTGTGCCCTGATCTTGTAGACAAGTA
TCTGGAGGAAACATCAATTTCGCTATGTGACCCCAAGGCCCTCAGTGACCCAGAACCAGGCCTCCCCAG
CCCTCTAAAACAGTGCCTCCCCACTATCCTGTGGTGTGCTGCCCACTTCGGGTTCTCAAATGTGTAGTA
AGCGGCCAGCCGAGGGAACCACTTGGGAGCCAGCGAAAACGCCGGAAGTCGGTGACACCAGACCC
GAAGGAAAAGCAGACATGTGATATCAGGCTCCGAGTTCGGGCGGAATACTGCCAGCATGAGACGGCTCTG
CAAGGCAATGCTTCTCCAATAAGCAGGACCCACTTGAGCGCCAGTTTGGAGCGCTTAAACAGGCCAACA
CTATCCTCAAGTCCCGGACCTGGGCTCCATCATCTGTGACATCAAGTTCTCTGAGCTCACCTACCTCGA
CGCATTCTGGCGAGACTACATTAATGGCTCATTATTAGAGGCACTGAAAGGTGTCTTCATCACAGACTCT
CTCAAGCAAGCTGTGGCCATGAAGCCATCAAGCTGCTGGTGAACGTGGATGAGGAGGACTATGAGCTGG
CCCGACAGAACTCCTGAGGAACCTGATGCTGCAGGTATTACCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG223652 representing NM_001128609
 Red=Cloning site Green=Tags(s)

MAGLKRRASQVWPEERGEQEHLVSLHRMFDIVGTHLTHRDVRLSFLFVDVIDDHERGLIRNGRDFLLA
 LERQGRCDSESNFRQVLQLLRITRHDLLPYVTLKKRRAVCPDLVDKYLEETSIRYVTPRALSDPEPRPQ
 PSKTVPHPYPVCCPTSGSQMCKRPARGRITLGSQRKRRKSVTPDPKEKQTCDIRLVRVRAEYCQHETAL
 QGNVFSNKQDPLERQFERFNQANTILKSRDLGSIICDIKFSELTYLDAFWRDYINGSLLEALKGVFITDS
 LKQAVGHEAIKLLVNVDEEDYELGRQKLLRNMLMLQVLP

TRTRPLE - GFP Tag - V

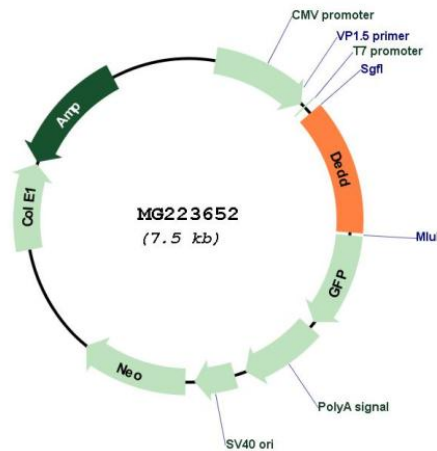
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



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:	<ol style="list-style-type: none">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
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]