OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC230534

MAP7D3 (NM_001173517) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAP7D3 (NM_001173517) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MAP7D3
Synonyms:	MDP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

ORF Nucleotide Sequence:

>RC230534 representing NM_001173517
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATGGCGGACGGCGCCGCAGCTGGCGCTGGCGGCAGCCCATCCTTGAGAGAGCTGCGGGCACGGATGG
TTGCTGCAGCAAACGAGATTGCTAAGGAAAGGAGGAAGCAAGATGTGGTTAATCGTGTTGCAACCCATTC
CTCAAATATAAGATCGACATTTAAACCAGTAATCGATGGATCCATGCTTAAAAATGACATAAAACAAAGA
TTAGCAAGAGAGCGCAGAGAGGAGAAAAGGAGACAGCAAGACGCCAATAAAGAAACACAACTACTTGAAA
AAGAAAGAAAGACCAAGCTCCAATATGAAAAACAGATGGAGGAAAGACAGAGAAAGCTGAAGGAGCGAAA
AGAGAAAGAAGAACAACGGAGAATAGCTGCAGAAGAAAAAAGACACCAGAAGGATGAAGCACAAAAGGAA
AAATTTACAGCCATTCTTTATCGTACTTTGGAACGGAGGAGACTTGCTGATGATTATCAGCAAAAAAGAT
GGTCATGGGGAGGCTCTGCAATGGCGAATTCTGAGAGCAAAACTGGGAAAACAGACAAGGAGAGAAGCTC
ATCTTTAAATAGAAGAGATAGTAACCTACATTCGTCTACTGATAAAGAACAAGCCGAAAGGAAGCCACGT
GTTACAGGCGTCACCAATTATGTAATGCAGTATGTCACTGTACCCTTGCGTAAATGTACTAGCGACGAAT
TGAGGGCTGTTATGTTTCCCATGTCGACAATGAAAATACCTCCTCAAACAAAAGTAGAAGAGTCTCCCTT
GGAGAAAGTAGAGACACCTCCCAAGGCAAGTGTGGATGCACCCCCCCAGGTGAATGTGGAAGTATTCTGC
AACACAAGCATGGAAGCGTCCCCCAAGGCAGGTGTGGGCATGGCCCCTGAGGTGAGCACGGACTCATTCC
CTGTGGTGAGCGTGGACGTGTCGCCTGTGGTGAGCACATATGATTCTGAGATGAGCATGGACGCATCCCC
CGAGTTGAGCATAGAAGCACTCCCGAAGGTGGACCTGGAAACAGTTCCCAAGGTGAGCATAGTAGCATCC
CCGGAGGCGAGCCTGGAAGCACCCCCGGAAGTGAGTCTGGAAGCACTGCCAGAGGTGAGCGTGGAAGCAG
CCCCAGAGGGGAGCCTGGAAGCACCTCCCAAGGGGAGCGCAGAAGTAGCCCCCAAGGAGAGTGTGAAAGG
GTCACCCAAGGAGAGCATGGAGGCATCTCCTGAGGCGATGGTGAAAGCATCCCCCAAGACATCCCTTGAA
GCAAGCATGGAAGCATCTCCCAAGGCAAAAGCGAGAGACGCTCCAAAGAAATCAGAAATGGACAAACAGG
CCTTAATCCCTATTGCCAAGAAGCGTCTATCATCATACACTGAGTGTTATAAATGGTCATCATCTCCTGA
AAATGCTTGTGGTCTGCCGTCTCCCATCAGCACTAACAGGCAAATCCAAAAGAACTGCCCTCCATCACCA
TTACCACTTATTTCAAAACAGTCACCACAGACTTCTTTTCCTTATAAAATAATGCCTATTCAACACACCC
TGTCTGTGCAAAGTGCATCAAGTACTGTCAAAAAGAAAAAAGAAACAGTTTCTAAAACCACTAACAGATG
TGAGGCTTTGAGCCAAAGGCATATGATCTATGAAGAGTCTGGTAATAAGAGTACTGCAGGTATTATGAAT
GCCGAGGCGGCAACAAAAATTTTGACAGAATTGCGCCGCCTTGCTCGTGAACAAAGAGAAAAAGAGGAAG
AAGAAAGACAACGGGAAGAAATGCAGCAAAGGGTCATTAAGAAATCAAAAGACATGGCAAAGGAAGCAGT
TGGAGGCCAAGCAGAAGACCACTTGAAACTCAAAGATGGGCAGCAACAAAATGAGACTAAAAAGAAGAAA
GGATGGCTGGATCAGGAAGACCAGGAAGCACCACTGCAGAAAGGGGACGCCAAAATAAAAGCTCAAGAGG
AAGCTGACAAACGCAAGAAAGAACACGAGAGAATTATGTTACAAAATTTACAAGAACGGTTAGAAAGGAA
AAAGAGAATAGAAGAAATTATGAAGCGGACAAGAAAGACAGATGTGAATGCCTCAAAGGTCACAGAAACA
TCCAGCCATGACATATATGAAGAGGCTGAGGCTGACAACGAAGAAAGCGACAAGGACTCATTGAATGAAA
TGTTTCCATCAGCCATTCTAAATGGCACAGGCTCACCTACCAAATTTAAAATGCCGTTCAACAATGCCAA
GAAAATGACACACAAGCTGGTATTTCTAGAAGATGGTACCAGCCAGGTCCGTAAAGAGCCAAAAACATAT
TTTAATGGCGATTTGAAAAACTTCAGACAAAAAAGCATGAAAGACACTTCAATACAGGAAGTAGTTTCAA
GACCATCTTCCAAAAGAATGACCAGTCACACAACGAAAACCAGAAAGGCGGATGAAACCAACACCACCAG
CAGATCCTCTGCACAAACAAAATCTGAAGGATTCCATGACATCTTGCCAAAGTCCTCAGACACCTTTAGA
CAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Protein Sequence:

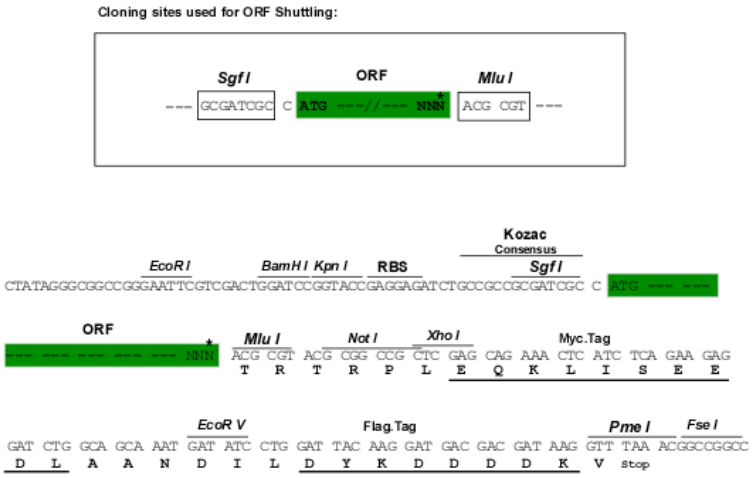
>RC230534 representing NM_001173517
Red=Cloning site Green=Tags(s)

MMADGAAAGAGGSPSLRELRARMVAAANEIAKERRKQDVVNRVATHSSNIRSTFKPVIDGSMLKNDIKQR
LARERREEKRRQQDANKETQLLEKERKTKLQYEKQMEERQRKLKERKEKEEQRRIAAEEKRHQKDEAQKE
KFTAILYRTLERRRLADDYQQKRWSWGGSAMANSESKTGKTDKERSSSLNRRDSNLHSSTDKEQAERKPR
VTGVTNYVMQYVTVPLRKCTSDELRAVMFPMSTMKIPPQTKVEESPLEKVETPPKASVDAPPQVNVEVFC
NTSMEASPKAGVGMAPEVSTDSFPVVSVDVSPVVSTYDSEMSMDASPELSIEALPKVDLETVPKVSIVAS
PEASLEAPPEVSLEALPEVSVEAAPEGSLEAPPKGSAEVAPKESVKGSPKESMEASPEAMVKASPKTSLE
ASMEASPKAKARDAPKKSEMDKQALIPIAKKRLSSYTECYKWSSSPENACGLPSPISTNRQIQKNCPPSP
LPLISKQSPQTSFPYKIMPIQHTLSVQSASSTVKKKKETVSKTTNRCEALSQRHMIYEESGNKSTAGIMN
AEAATKILTELRRLAREQREKEEEERQREEMQQRVIKKSKDMAKEAVGGQAEDHLKLKDGQQQNETKKKK
GWLDQEDQEAPLQKGDAKIKAQEEADKRKKEHERIMLQNLQERLERKKRIEEIMKRTRKTDVNASKVTET
SSHDIYEEAEADNEESDKDSLNEMFPSAILNGTGSPTKFKMPFNNAKKMTHKLVFLEDGTSQVRKEPKTY
FNGDLKNFRQKSMKDTSIQEVVSRPSSKRMTSHTTKTRKADETNTTSRSSAQTKSEGFHDILPKSSDTFR
Q

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

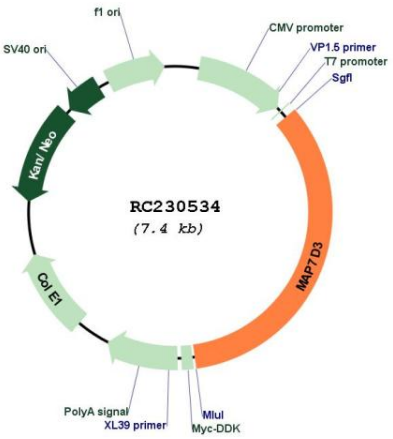


This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

ACCN:	NM_001173517
ORF Size:	2523 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_001173517.1, NP_001166988.1
RefSeq ORF:	2526 bp
Locus ID:	79649
UniProt ID:	Q8IWC1
Cytogenetics:	Xq26.3
MW:	95.1 kDa
Gene Summary:	The protein encoded by this gene belongs to the MAP7 (microtubule-associated protein 7) family. Alternatively spliced transcript variants encoding different isoforms have been found. [provided by RefSeq, Mar 2010]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Product images:



Circular map for RC230534

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US