

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
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGGCGGACGGCCGCGAGCTGGCGTGGCGGACCCATCCTTGAGAGAGCTGCGGGCAGGATGG
 TTGCTGCAGCAAACGAGATTGCTAAGGAAAGGAGGAAGCAAGATGTGGTTAATCGTGTGCAACCCATTC
 CTCAAATATAAGATCGACATTTAAACCAGTAATCGATGGATCCATGCTTAAAAATGACATAAAAAACAAGA
 TTAGCAAGAGAGCGCAGAGAGGAGAAAAGGAGACAGCAAGACGCCAATAAAGAAACACAACACTACTTGAAA
 AAGAAAGAAAGACCAAGCTCCAATATGAAAAACAGATGGAGGAAAGACAGAGAAAGCTGAAGGAGCGAAA
 AGAGAAAGAAGAACAACGGAGAATAGCTGCAGAAGAAAAAGACACCAGAAGGATGAAGCACAAAAGGAA
 AAATTTACAGCCATTCTTATCGTACTTTGGAACGGAGGAGACTTGCTGATGATTATCAGCAAAAAAGAT
 GGTGATGGGGAGGCTCTGCAATGGCGAATTCGAGAGCAAACTGGGAAAACAGACAAGGAGAGAAGCTC
 ATCTTTAAATAGAAGAGATAGTAACCTACATTCGTCTACTGATAAAGAACAAGCCGAAAGGAAGCCACGT
 GTTACAGGCGTCACCAATTATGTAATGCAGTATGTCACGTACCCCTTGCCTAAATGACTAGCGACGAAAT
 TGAGGGCTGTTATGTTTCCCATGTCGACAATGAAAATACCTCCTCAAACAAAAGTAGAAGAGTCTCCCTT
 GGAGAAAGTAGAGACACCTCCCAAGGCAAGTGTGGATGCACCCCCCAGGTGAATGTGGAAGTATTCTGC
 AACACAAGCATGGAAGCGTCCCCAAGGCGAGGTGTGGCATGGCCCTGAGGTGAGCAGCGGACTCATTCC
 CTGTGGTGAGCGTGGACGTGTGCGCTGTGGTGAGCACATATGATTCTGAGATGAGCATGGACGCATCCCC
 CGAGTTGAGCATAGAAGCACTCCCGAAGGTGGACCTGGAACAGTTCCCAAGGTGAGCATAGTAGCATCC
 CCGGAGGGGAGCCTGGAAGCACCTCCCAAGGGAGCTGAGTCTGGAAGCACTGCCAGAGGTGAGCGTGAAGCAG
 CCCCAGGGGAGCCTGGAAGCACCTCCCAAGGGAGCTGAGTCTGGAAGCACTGCCAGAGGTGAGCGTGAAGCAG
 GTCACCCAAGGAGAGCATGGAGGCATCTCCTGAGGCGATGGTGAAGCATCCCCCAAGACATCCCTTGAA
 GCAAGCATGGAAGCATCTCCCAAGGCAAAAAGCGAGAGACGCTCCAAAGAAATCAGAAATGGACAAAACAGG
 CCTTAATCCCTATTGCCAAGAAGCGTCTATCATCATACTGAGTGTTATAAATGGTCATCATCTCCTGA
 AAATGCTTGTGGTCTGCCGTCTCCCATCAGCACTAACAGGCAAAATCCAAAAGAACTGCCCTCCATCACCA
 TTACCCTTATTTCAAACAGTCAACACAGACTTCTTTTCTTATAAAAATATGCCTATTCAACACACCC
 TGTCTGTGCAAAGTGCATCAAGTACTGTCAAAAAGAAAAAGAAACAGTTTCTAAAACCACTAACAGATG
 TGAGGCTTTGAGCCAAAGGCATATGATCTATGAAGAGTCTGGTAATAAGAGTACTGCAGGTATTATGAAT
 GCCGAGGGCGCAACAAAATTTTGACAGAATTGCGCCGCTTGTCTGTAACAAAGAGAAAAAGAGGAAG
 AAGAAAGACAACGGGAAGAAATGCAGCAAAGGGTCATTAAAGAAATCAAAGACATGGCAAAGGAAGCAGT
 TGGAGGCCAAGCAGAAGACCACTTGAAACTCAAAGATGGGCGCAACAAAATGAGACTAAAAAGAAAGAAA
 GGATGGCTGGATCAGGAAGACCAGGAAGCACCCTGCAGAAAGGGGACGCCAAAATAAAAGCTCAAGAGG
 AAGCTGACAAACGCAAGAAAGAACACGAGAGAATTATGTTACAAAATTTACAAGAACGGTTAGAAAGGAA
 AAAGAGAATAGAAGAAATATGAAGCGGACAAGAAAGACAGATGTGAATGCCTCAAAGGTACAGAAACA
 TCCAGCCATGACATATATGAAGAGGCTGAGGCTGACAACGAAGAAAGCGACAAGGACTCATTGAATGAAA
 TGTTTCCATCAGCCATTCTAAATGGCACAGGCTCACCTACCAATTTAAAATGCCGTTCAACAATGCCAA
 GAAAATGACACACAAGCTGGTATTTCTAGAAGATGGTACCAGCCAGGTCCGTAAGAGCCAAAAACATAT
 TTTAATGGCGATTTGAAAAACTTCAGACAAAAAGCATGAAAGACACTTCAATACAGGAATAGTTTCAA
 GACCATCTTCAAAGAATGACCAGTACACAACGAAAACAGAAAGGCGGATGAAACCAACACCACCAG
 CAGATCTCTGCACAAACAAAATCTGAAGGATTCCATGACATCTTGCCAAAGTCTCAGACACCTTTAGA
 CAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

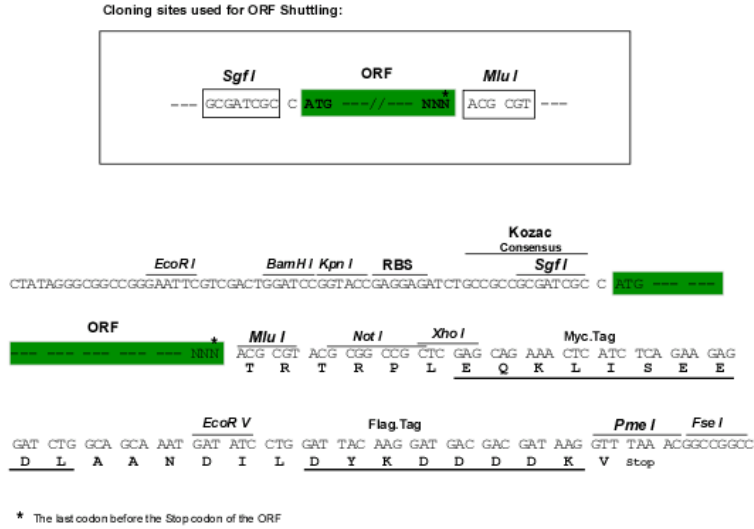
Protein Sequence: >RC230534 representing NM_001173517
Red=Cloning site Green=Tags(s)

MMADGAAAGAGGSPSLRELARMVAAANEIAKERRKQDVVNRVATHSSNIRSTFKPVIDGSMLKNDIKQR
LARERREEKRRQQDANKETQLLEKERKTKLQYEQMEERQRKLERKEKEEQRRIAAEEKRHQKDEAQKE
KFTAILYRTLERRRLADDYQQRWSWGGSAMANSESKTGKTDKERSSSLNRRDSNLHSSTDKEQAERKPR
VTGVTNYVMQYVTVPLRKCTDELRAVMFPMSTMKIPPQTKVEESPLEK VETPPKASVDAPPQVNVEVFC
NTSMEASPKAGVGMapevSTDSFPVVSVDVSPVVSTYDSEMSMDASPELSIEALPKVDLETVPKVSIVAS
PEASLEAPPEVSLEALPEVSVEAAPEGSLEAPPKGSAEVAPKESVKGSPKESMEASPEAMVKASPKTSLE
ASMEASPKAKARDAPKKSEMDKQALIPAIKKRLSSYTECYKWSSSPENACGLPSPISTNRQIQKNCPPSP
LPLISKQSPQTSFPYKIMPIQHTLSVQSASSTVKKKKT VSKTTNRCEALSQRHMIYEESGNKSTAGIMN
AEAATKILTELRRLAREQREKEEEEERQREEMQQRVIKSKDMAKEAVGGQAEDHLKLDGGQQNETKKKK
GWL DQEDQEAPLQKGDAKIKAQEEADKRKKEHERIMLQNLQERLERKKRIEEIMKRTRKTDVNASKVTET
SSHDIYEEAEADNEESDKDSL NEMFPSAILNGTGSPTKFKMPFNNAKMT HKLVFLEDGTSQVRKEPKTY
FNGDLKNFRQKSMKDTSIQEVVSRPSSKRMTSHTTKRKADETNTTSRSSAQTKSEGFHDILPKSSDTR
Q

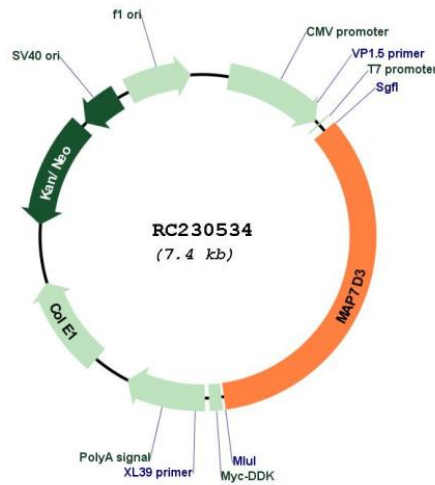
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



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:	<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_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]