

Product datasheet for MR224093

TII1 (NM_009390) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TII1 (NM_009390) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TII1
Synonyms:	b2b2476Clo; TII; TII-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR224093 representing NM_009390 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGTTTGAAGCGCTCTCCCGAGGATGCTCCTGTGGTTGGTGGTCTCGGGTATTGTTTTCTCCGGG
TGCTGTGGGTCTGCGCTGGCCTCGATTATGATTACACTTTTGATGGGAACGAAGAGGACAAAACGGAGCC
TATAGATTACAAGGACCCGTGCAAAGCTGCTGTGTTTTGGGGTGACATCGCCTTAGATGATGAAGACTTA
AATATCTTCAAATAGACAGGACAATTGACCTGACCCAGAGCCCTTTGGAAAACCTGGACATATTACAG
GTGGCTTTGGAGACCATGGCATGCCAAAGAAGCGAGGGGCACTCTACCACTTATAGAGAGGATCAGAAG
AATTGGCTCTGGCTTGGAGCAAAATAACACGATGAAGGGAAAAGCACCTCCAAAATTGTCAGAGCAAAGT
GAGAAAAATCGAGTTCCAGAGCTGCTACCTCAAGAACGGAAAAGGATATGGCCTGGGGGTGTATTCCCTT
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GCACACCTGTGTGACGTTCACTGAGAGAAGTGATGAAGAAAGTTATATTGTGTTACCTACAGGCCCTTG
GGATGCTGCTCCTATGTTGGTCGGCGGGGAAATGGCCCTCAGGCCATCTCTATTGGCAAGAACTGTGACA
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AGACAACCATGTCACCATCATTAGAGAGAACATCCAGCCAGGTCAAGAGTACAATTTCTAAAGATGGAG
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TCAACGGACCCGTTAAGCAAAGGAGACATTGCACAAGCAAGAAAGCTGTATCGATGCCAGCATGTGGA
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ACTGCATCTGGAGAGTGTCTGTGACCCCGGAGAAAAGATTGTCTTGAATTTTACCACAATGGACCTTTA
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AAAATAATGGTGTCCGAGGGCTACCATGTTGGACTGACCTTTTCAGGCCTTTGAGATCGAAAAGACATGACA
 GCTGTGCCTATGACCACCTAGAAGTTCGAGATGGAGCCAGTGAGAACAGCCCTTTGATAGGACGGTTCTG
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 GCTTTGATTCAATTCACACAGATGACACTATCAACAAGAAAGGATTTTATATAAGATATAAAAGTATAA
 GATACCCGGAAACGATGCATGCCAAGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR224093 representing NM_009390
Red=Cloning site Green=Tags(s)

MGLQALSPRMLLWLVSGIVFSRVLWVCAGLDYDYTFDGNEDKTEPIDYKDPCKAAVFWGDIALLDDEDL
 NIFQIDRTIDL TQSPFGKLGHITGGFGDHGMPKRGAL YQLIERIRRIIGSGLQNNMTMGKAPPKLSEQS
 EKNRVPRAATSRTERIWPGGVIPPYVIGGNFTGSQRAMFKQAMRHWEKHTCVTFTERSDEESYIVFTYRPC
 GCCSYVGRNGPQAI SIGKNCDFGIVVHELGHVIGFWHEHTRPDRDNHVTI IRENIQPGQEYNFLKME
 PGEVNSLGERYDFDSIMHYARNTFSRGMFLDTILPSRDDNGIRPAIGQRTRL SKGDIAQARKLYRCPACG
 ETLQESSGNLSSPGFPNGYPSYTHCIWRVSVTPGEKIVLNFTTMDLYKSSLCWYDYIEVRDGYWRKSPLL
 GRFCGDKVAGVLTSTDSRMWIEFRSSSNWVGKFAAVYEAI CGGEIRKNEGQIQSPNYPDDYRPMKECVW
 KIMVSEGYHVGLTFQAFEIERHDSAYDHLEVRDGASENSPLIGRF CGYDKPEDIRSTSNTLWMKFVSDG
 TVNKAGFAANFFKEEDECAKPD RGCEQRCLNTLGSYQACEPGYELGPDRRSCEAACGGLLTKLNGTIT
 TPGWPKEYPPNKNVQVIAPSQYRISVKFEFFLEEGNEVCKYDYVEIWSGLSSESKLHGKFCGADIPEV
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 YPGQLDCEWLLVSRGSRLELSFQTFEVEEEADCGYDYVEVFDGLSSKAVGLGRFCGSGPPEE IYSIGDV
 ALIHFHTDDTINKKGFYIRYKSIRYPETMHAKN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9007_f06.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_009390

ORF Size: 3039 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_009390.3](#)

RefSeq Size: 4928 bp

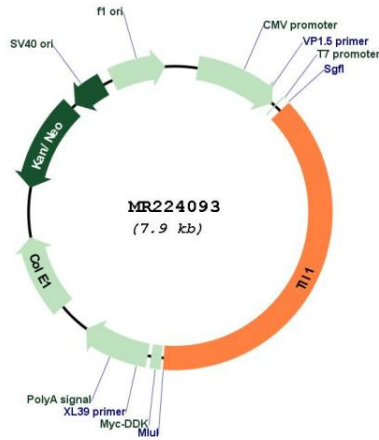
RefSeq ORF: 3042 bp

Locus ID: 21892

Cytogenetics: 8 32.19 cM

MW: 115 kDa

Product images:



Circular map for MR224093