

Product datasheet for MR205549

Timd4 (BC032879) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Timd4 (BC032879) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Timd4
Synonyms: Tim4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR205549 representing BC032879
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAATTTGATGATTCAAGGCCATCGTTTATTAATAACTAATTACCTCGTGCCGAATTCGGCAGGAGGGC
TTCTCATCCTCTGGCTGGTGACGGAGCTCTGGTGGCTTTATCTGACACCAGCTGCCTCAGAGGATAACA
AATAGGGTTTTGGGCCAGCCGGTGACTTTGCCTTGTCATTACCTCTCGTGGTCCAGAGCCGCAACAGT
ATGTGCTGGGGCAAAGTTTCATGTCCCAATTCCAAGTGAATGCAGAGCTTCTCCGTACAGATGGAACAA
GAATCATCTCCAGGAAGTCAACAAAATATACACTTTTGGGGAAGGTCCAGTTTGGTGAAGTGCCTTGAC
CATCTCAAACACCAATCGAGGTGACAGTGGGGTGTACTGCTGCCGTATAGAGGTGCCTGGCTGGTTCAAT
GATGTCAAGAAGAATGTGCGCTTGGAGCTGAGGAGAGCCACAACAACCAAAAAACCAACAACAACCCCC
GGCCAACCACCACCCCTTATGTGACCACCACCACCCAGAGCTGCTTCCAACAACAGTCATGACCACATC
TGTTCTCCAACCACCACACCACCCAGACACTAGCCACCAGTGCCTTCACTACAGCAGTGACCAGTGC
CCCTCAACAACACCTGGCTCCTTCTCACAAGAAACCACAAAAGGGTCCGCCTTCACTACAGAATCAGAAA
CTCTGCCATCCAATCACTCTCAAAGAAGCATGATGACCATATCTACAGACATAGCCGTAAGTCAAGGCC
CACAGGCTCTAACCTGGGATTCTCCATCCACTTCACAGCTGACGACACAGAAAACAACATTAACAACA
AGTGAGTCTTTGAGAAGACAATAAATCACATCAGATCAACAGCAGACAGACCATCTTGATCATTGCCT
GCTGTGTGGGATTTGTGTAATGGTGTATTGTTTCTGGCGTTTCTCCTTCGAGGGAAAAGTCAAGGAGC
CAACTGTTTGCAGAGACACAAGAGGCCAGACAACACTGAAGATAGTGACAGCGTCTCAATGACATGTCA
CACGGGAGGGATGATGAAGACGGGATCTTCACTCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205549 representing BC032879
 Red=Cloning site Green=Tags(s)

MNLMIQGHRLKLLITSCRIRHEGLLILWLVTLEWWLYLTPAASEDTIIGFLGQPVTLPCHYLSWSQSRNS
 MCWKGKSCPNKNAELLRTDGTIRIISRKSTKYTLGLKVQFGEVSLTISNTNRGDSGVYCCRIEVPGWFN
 DVKKNVRLERRRATTTKKPTTTTRPTTTPYVTTTTPELLPTTVMTTSVLPTTTPPQLATTAFASTAVTTC
 PSTTPGFSQETTQGSFAFTTESETLPASNHSQRSMMTISTDIAVLRPTGNSNPGILPSTSQTLTTQKTLTTLT
 SESLQKTTKSHQINSRQITILIIACCVGFLMVLFLAFLLRKGKVTGANCLQRHKRPDNTEDSDSVLNDMS
 HGRDDEDGIFTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

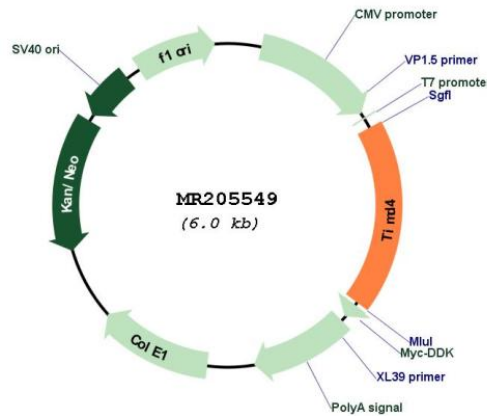
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC032879

ORF Size:	1086 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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:	BC032879
RefSeq Size:	2331 bp
RefSeq ORF:	1088 bp
Locus ID:	276891
Cytogenetics:	11 B1.1
MW:	85.5 kDa
Gene Summary:	Phosphatidylserine receptor that enhances the engulfment of apoptotic cells. Involved in regulating T-cell proliferation and lymphotoxin signaling. Ligand for HAVCR1/TIMD1. [UniProtKB/Swiss-Prot Function]