

Product datasheet for **RR208695**

Timm17a (NM_019351) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Timm17a (NM_019351) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Timm17a
Synonyms: Tim17; Timm17
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR208695 representing NM_019351
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGAGTACGCGAGAGAGCCGTGCCCTGGAGAATTGTGGATGACTGTGGCGGTGCCTTTACCATGG
 GTACCATAGTGGTGGCATCTTCCAGGCCCTCAAAGGTTTTCGAAATTCTCCAGTGGGAGTAAACCACAG
 ACTCCGAGGGAGTTAACAGCTATTAACCAGGGCCCCACAATTGGGAGGTAGCTTTGCAGTTTGGGGA
 GGCTGTTTTCCAGATTGACTGTGGTATGGTTCAGATAAGAGGCAAAGAAGACCCCTGGAATCCATCA
 CTAGCGGTGCCTTAACAGGAGCCATCCTGGCAGCAAGAAATGGACCGGTAGCCATGGTTGGGTCAGCTGC
 GATGGGCGGCATTCTCCTAGCTTTAATTGAAGGAGCTGGTATCCTGTTGACCAGGTTTGCCTCTGCACAG
 TTTCTAATGGCCCTCAGTTTGCTGAAGACCACTCCCAGTTGCCTCAAGCCAGTTGCCGTCCTCACCAT
 TTGGAGACTACCGACAGTATCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR208695 representing NM_019351
 Red=Cloning site Green=Tags(s)

MEEYAREPCPWRIVDCCGAFTMGITGGGIFQAFKGFNRNSPVGVNHLRGLSLTAIKTRAPQLGGSFAVWG
 GLFSTIDCGMVQIRKEDPWNSITSGALTGAILAARNGPVAMVGSAAAMGGILLALIEGAGILLTRFASAQ
 FPNGPQFAEDHSQLPSSQLPSSPFGDYRQYQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

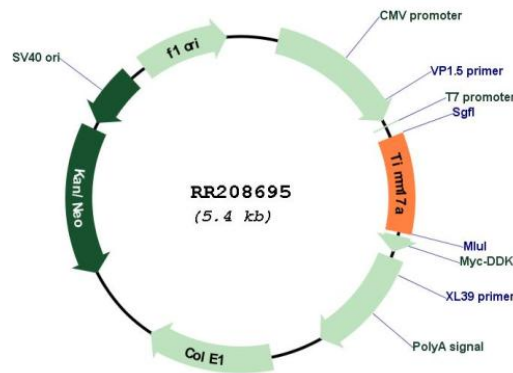
Restriction Sites: SgfI-MluI



Cloning Scheme:



Plasmid Map:



ACCN: NM_019351

ORF Size: 513 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:	<u>NM_019351.1</u> , <u>NP_062224.1</u>
RefSeq Size:	898 bp
RefSeq ORF:	516 bp
Locus ID:	54311
UniProt ID:	<u>O35092</u>
Cytogenetics:	13q13
MW:	18 kDa
Gene Summary:	human homolog is a translocase in the inner mitochondrial membrane [RGD, Feb 2006]