

Product datasheet for **MR225535**

Tcirg1 (NM_001136091) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcirg1 (NM_001136091) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tcirg1
Synonyms:	ATP6a3; Atp6j; ATP6N1C; oc; OC-116; OPTB1; Stv1; TIRC7; Vph1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR225535 representing NM_001136091
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCTCTATGTTCCGGAGTGAAGAGGTGGCCTTGGTCCAGCTCCTGTTGCCACAGGGTCTGCTTACA
 ACTGTGTGAGCCAGCTTGGTGGAGCTGGGCTCGTGGAGTTCAGAGACCTCAACGAATCCGTGAGCGCCTT
 CCAGAGACGCTTCGTGGTAGACGTCCGGCGCTGCGAGGAAGTGGAGAAGACGTTTACCTTCTGCGGGAA
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 TTCAGGCACCGGCTACAAGCTCAGCCCCTCACCTTCACTGTGGACAGTGAC

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 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR225535 representing NM_001136091
 Red=Cloning site Green=Tags(s)

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MGS MFRSEEVALVQLLLPTGSAYNCVSQLGELGLVEFRDLNESVSAFQRRFVVDVRRCEELEKTF TFLRE
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HRIPCQDMPPTLIRTNRFTSSFQGI VDAYGVGRYREVNPA PYTIIITFPFLFAVMFGDVGHLLMFLFALA
MVLTENRPAVKAAQNEIWQTFFGGRY LLLL MGLFSVYTGFIYNECF SRATTIFPSGWSVAAMANQSGWSD
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EVVQYVLVVLALATVPILLGLTPLYLLRQHRHRNTQRRPAGQQDEDTKLLASPDASTLENSWSPDEEK
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GVAAVVLVPVFAAFVLTVAILLVMEGLSAFLHALRLHWVEFQNKFYSGTGYKLSPTFTTVDS D
  
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TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

- 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_001136091.2](#), [NP_001129563.1](#)

RefSeq Size: 2700 bp

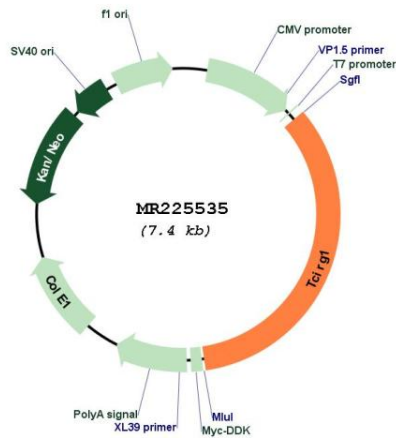
RefSeq ORF: 2505 bp

Locus ID: 27060

Cytogenetics: 19 3.62 cM

MW: 93.9 kDa

Product images:



Circular map for MR225535