

## Product datasheet for **MR225538**

### **Tcirg1 (NM\_001167784) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tcirg1 (NM_001167784) 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:

>MR225538 representing NM\_001167784  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGCTCTATGTTCCGGAGTGAAGAGGTGGCCTTGGTCCAGCTCCTGTTGCCACAGGGTCTGCTTACA  
 ACTGTGTGAGCCAGCTTGGTGTAGCTGGCCTCGTGGAGTTCAGAGACCTCAACGAATCCGTGAGCGCCTT  
 CCAGAGACGCTTCGTGGTAGACGTCCGGCGCTGCGAGGAAGTGGAGAAGACGTTTACCTTCTGCGGGAA  
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 TGCTGCGCATCCAGGAGGAAACGGATCGCTTGGCCAGGAGCTTCGGGATGTTCTGTGGCAATCAGCAGGC  
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**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR225538 representing NM\_001167784  
Red=Cloning site Green=Tags(s)

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MGSMFRSEEVALVQLLLPTGSAYNCVSQLGELGLVEFRDLNESVSASFQRRFVVDVRRCEELEKFTFFLRE
EVQRAGLTLAPPEGLPAPPPRDLLRIQEETDRLAQELRDVRGNQQALRAQLHQLRLHSAVLGQSHSPPV
AADHTEGPFSETTPLLPGTRGPHSDLKVNFBVAGAVEPYKAAALERLLWRACRGFLIASFRETEGQLEDPV
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QVLGRVQQLLPPWQVQIHKMKAVYLTNLQCSVNTTHKCLIAEVWCAARDLPTVQQALQSGSSEEGVSAVA
HRIPCQDMPPTLIRTNRFTSSFQGIVDAYGVGRYREVNPAFYTIITFPFLFAVMFGDVGHLLMFLFALA
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AGSPGDEETEFVPSEIFMHQAIHTIEFCLGCISNTASYLRWALSLAHAQLSEVLWAMVMRIGLGMGREI
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```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: [https://cdn.origene.com/chromatograms/mm9003\\_g08.zip](https://cdn.origene.com/chromatograms/mm9003_g08.zip)

Restriction Sites: Sgfl-Mlul



- 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\\_001167784.1](#), [NP\\_001161256.1](#)

**RefSeq Size:** 3045 bp

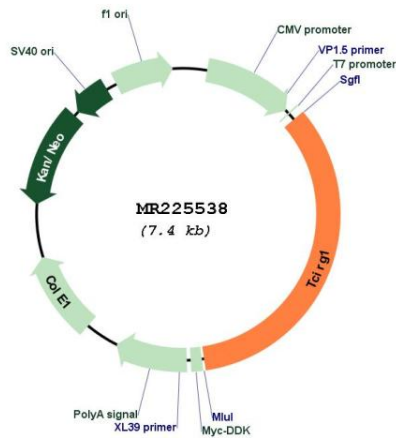
**RefSeq ORF:** 2505 bp

**Locus ID:** 27060

**Cytogenetics:** 19 3.62 cM

**MW:** 93.9 kDa

**Product images:**



Circular map for MR225538