

Product datasheet for **MG214477**

Tdrp (NM_173744) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Tag: TurboGFP
Symbol: Tdrp
Synonyms: 2610019F03Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG214477 representing NM_173744
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTGGAAGCTGAGCCGAAGTCGAGTGCTTCTGGACGAGCCCCCGAGGAAGAGGATGTGCTGCGAGGGG
 CACCGCCAGCATCAGCAGCCGCCCCGGCGTCGGGAGCAAGTCTCAGAGGTTGGAAGAAGCAACTTCTCT
 GTTTAATAAAGATGATGAAGAACATCTCCTCGAGACTTCCAGATCTCCTAAGTCAAAGGAACTAACCAA
 CGACTAAGAGAAGAGCTGAAGGCAGAGAAGAAATCAGGATTTTGGGACGCCTTGTTTTGAACAGAATG
 CCCAGCCTAAAAACCAGATCAGATCGAAGGTTGGGAGCCTCCCAAACCTACTGCTGAAGACGTGGTCGC
 CGACCATACCGAGGATGATAGAAGTGGCTGCCACCCTGGTCTGCCTGGGAGGACGATACCAAGGGCTCT
 ACCAAGTACACCGCCTCGCCAACTCAGCCAGCAGCTCCCGCTGGAGCCTCCGGTCAGCGGGAAAGCTGG
 TCAGCATCAGGCGACAGAGCAAAGGCCACCTGACAGAGACCTGTGAAGAGGGAGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG214477 representing NM_173744
 Red=Cloning site Green=Tags(s)

MWKLRSRVLLEDPPEEEDVLRGAPPASAAAPASGASLRGWKEATSLFNKDDEHLLERSRSPKSKGTNQ
 RLREELKAEKKSQGFWDALVLKQNAQPKKPDQIEGWPPKLAEDVVADHTEDDRSGCPPWSAWEDDTKGS
 TKYTSLSANSASSRWSLRSAGKLVSIIRRSKGLHTTETCEE

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_173744.4](#), [NP_776105.1](#)

RefSeq Size: 2477 bp

RefSeq ORF: 549 bp

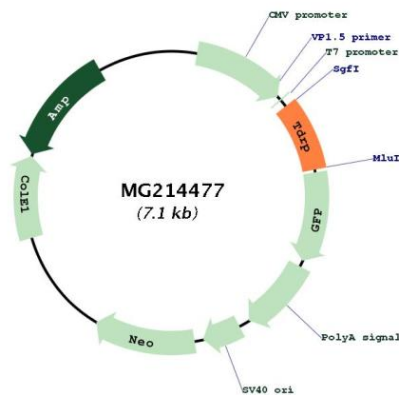
Locus ID: 72148

UniProt ID: [Q8C5P7](#)

Cytogenetics: 8 A1.1

Gene Summary: Contributes to normal sperm motility, but not essential for male fertility.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG214477