

Product datasheet for **RG201956**

TPD52 (NM_005079) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TPD52 (NM_005079) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TPD52
Synonyms: D52; hD52; N8L; PC-1; PrLZ
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG201956 representing NM_005079
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACCGCGCGAGCAAGGTCTGCTGAGAACAGACCCAGTCCCTGAGGAAGGAGAAGATGTTGCTGCCA
 CGATCAGTGCCACAGAGACCCCTCTCGGAAGAGGAGCAGGAAGAGCTAAGAAGAGAAGCTTGC AAAGGTAGA
 AGAAGAAATCCAGACTCTGTCTCAAGTGTAGCAGCAAAAGAGAAGCATCTAGCAGAGATCAAGCGGAAA
 CTTGGAATCAATTCTCTACAGGAACTAAAACAGAACATTGCCAAAGGGTGGCAAGACGTGACAGCAACAT
 CTGCTTACAAGAAGACATCTGAAACCTTATCCCAGGCTGGACAGAAGGCCTCAGCTGCTTTTTCGTCTGT
 TGGCTCAGTCATCACAAAAGCTGGAAGATGTAAAAACTCCCAACTTTTAAATCATTGGAAGAAAAG
 GTCGAAAACCTTAAAGTCTAAAGTAGGGGAACCAAGCCTGCTGGTGGTGATTTTGGAAGAAGCTTTGAATT
 CGGCTGCAAAATGCTAGTGCCACCACCACGGAGCCTCTTCCAGAAAAGACACAGGAGAGCCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG201956 representing NM_005079
 Red=Cloning site Green=Tags(s)

MDRGEQLLRTPVPEEGEDVAATISATETLSEEEQEELRRELAKVEEEIQTLSQVLAAKEKHLAEIKRK
 LGINSLQELKQNIKQWQDVTATSAYKKTSETLSQAGQKASAAFSSVGSVITKKLEDVKNSTPKSFEEK
 VENLKSQVGGTKPAGGDFGEVLNSAANASATTTPELPEKTQESL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: NM_005079

ORF Size: 552 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:**
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_005079.4](#)

RefSeq Size: 3966 bp

RefSeq ORF: 555 bp

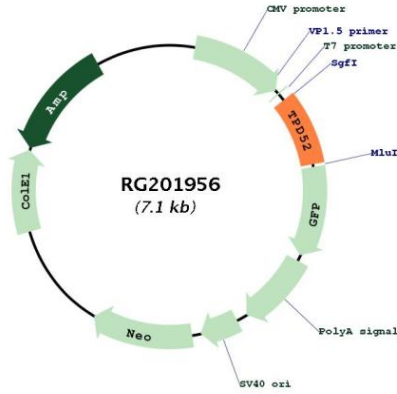
Locus ID: 7163

UniProt ID: [P55327](#)

Cytogenetics: 8q21.13

Domains: TPD52

Product images:



Circular map for RG201956