

Product datasheet for **RG236030**

TPD52 (NM_001287144) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TPD52 (NM_001287144) 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: >RG236030 representing NM_001287144.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGACCGCGCGGAGCAAGGTCTGCTGAGAACAGACCCAGTCCCTGAGGAAGGAGAAGATGTTGCTGCC
ACGATCAGTGCCACAGAGACCCTCTCGGAAGAGGAGCAGGAAGAGCTAAGAAGAGAACTTCAAAGGTA
GAAGAAGAAATCCAGACTCTGTCTCAAGTGTAGCAGCAAAGAGAAGCATCTAGCAGAGATCAAGCGG
AAACTTGAATCAATTCTACAGGAACAAAACAGAACATTGCCAAAGGGTGGCAAGACGTGACAGCA
ACATCTGCTTACAAGAAGACATCTGAAACCTTATCCCAGGCTGGACAGAAGGCCTCAGCTGCTTTTTCG
TCTGTTGGCTCAGTCATCACAAAAGCTGGAAGATGTAATAAACTCCCAACTTTAAATCATTGAA
GAAAAGGTCGAAAACCTTAAAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236030
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MDRGEQGLLRTPVPEEGEDVAATISATETLSEEEQEELRRELAKVEEEIQTLSQVLAAKEKHLAEIKR
KLGINSLQELKQNIKQWQDVTATSAYKKTSETLSQAGQKASAAFSSVGSVITKKLEDVKNSPFKSFE
EKVENLK
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI

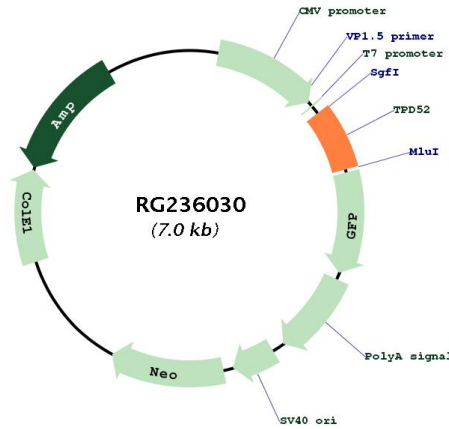


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Cloning Scheme:



Plasmid Map:



ACCN: NM_001287144

ORF Size: 435 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).
RefSeq:	NM_001287144.2
RefSeq Size:	4024 bp
RefSeq ORF:	438 bp
Locus ID:	7163
UniProt ID:	P55327
Cytogenetics:	8q21.13
MW:	16.5 kDa