

Product datasheet for **RG212261**

Tumor protein D52 like 3 (TPD52L3) (NM_033516) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tumor protein D52 like 3 (TPD52L3) (NM_033516) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TPD52L3
Synonyms: D55; hD55; NYDSP25; TPD55
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG212261 representing NM_033516
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCACATGCCAGGACAGAGACCTCTGTGGGCACATATGAATCCCACTCGACTTCTGAACTGGAGGATC
 TGACAGAGCCCGAGCAAAGAGAGCTCAAACCAAACCTCACTAAATTGGAGGCTGAAATTGTAACCTACG
 CCACGTACTAGCAGCCAAAGAGAGACGCTGTGGGAACTCAAGAGGAAGTTAGGCCTCACCGCCTTGTA
 GGGCTGAGACAGAATCTGTCCAAGAGCTGGCTTGATGTTTCAGGTCTCCAACACCTATGTAAACAGAAGA
 CATCAGCTGCTCTGTCCACCATGGGCACCTCATCTGCAGGAAGCTTGGAGGCGTGAAGAAGTCGGCCAC
 ACTCAGATCTTTGAAGTCTGATGGGACAATCAAGTCAAAGTCTCAGGGGGCAAAGAGCTTGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG212261 representing NM_033516
 Red=Cloning site Green=Tags(s)
 MPHARTETSVGTYESHSTSELEDL TEPEQRELKTKLTKLEAEIVTLRHVLA AKERRCGELKRKLGLTALV
 GLRQNLKSWLDVQVSN TYVKQKTSAA LSTMGTLICRKLGGVKKSATLRSFEGLMGTIKSKVSGGKRAWP

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

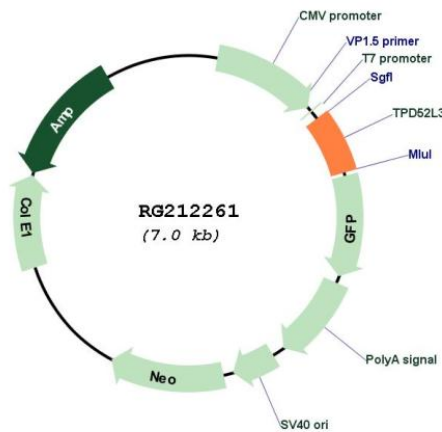


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Cloning Scheme:



Plasmid Map:



ACCN: NM_033516

ORF Size: 420 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:	<ol style="list-style-type: none">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_033516.5 , NP_277051.3
RefSeq Size:	2572 bp
RefSeq ORF:	423 bp
Locus ID:	89882
UniProt ID:	Q96J77
Cytogenetics:	9p24.1
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a member of the tumor protein D52-like family of proteins. These proteins are characterized by an N-terminal coiled-coil motif that is used to form homo- and heteromeric complexes with other tumor protein D52-like proteins. The encoded protein may play a role in spermatogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]