

Product datasheet for **RG202565**

TFPT (NM_013342) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	TFPT
Synonyms:	amida; FBI; INO80F
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG202565 representing NM_013342
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAATTGGAGCAGAGAGAAGGGACCATGGCAGCCGTGGGCTTTGAGGAGTTCTCAGCGCCGCCAGGCT
CAGAGTTGGCGTTGCCTCCCCTATTTGGTGGCCACATCCTGGAGAGCGAGCTGGAGACGGAAGTGAGTT
TGTGTCAGGTGGTCTGGCGGCTCAGGGCTCCGGGAGCGAGATGAAGAGGAAGAGGCAGCCGGGTCCG
CGGCGGCCCGAGCGGAATTAATCGCAGAAAGTACCAGGCACTAGGTCGGCGCTGCCGGGAGATCGAGC
AGGTGAACGAGCGGGTCTGAACAGGCTCCATCAGGTGCAGAGGATAACTCGGAGGCTGCAGCAGGAACG
GAGGTTCTCATGAGAGTGCTGGACTCCTACGGGGATGACTACCGGGCCAGCCAGTTCAACATTGTGCTG
GAGGATGAGGGCAGCCAGGGCACGGATGCCCCACCCAGGCAATGCGGAGAATGAGCCTCCAGAGAAAG
AGACTGTCCCCCCCAGAGGACTCCTGCACCCCCAGAACCCGCGAGCCAGCCCCGGTGAGGGGCC
CAGTGGGCGGAAGAGGCGCGAGTGCCACGGGATGGACGCCGAGCAGGAAATGCGCTGACTCCAGAGCTG
GCCCCGGTGCAGATTAAGGTTGAGGAAGACTTTGGCTTTGAAGCAGATGAGGCCTGGATTCCAGTTGGG
TTTCTCGGGGTCCAGACAACTGCTGCCCTACCCGACCCTGGCCAGCCAGCCTCTGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence:

>RG202565 representing NM_013342

Red=Cloning site Green=Tags(s)

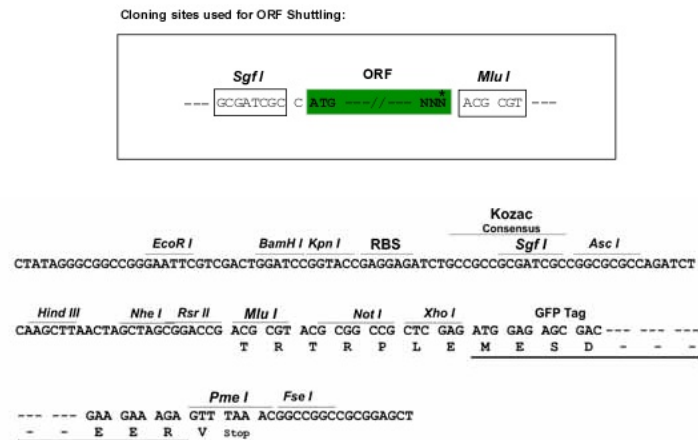
MELEQREGTMAAVGFEFESAPPGSELALPPLFGGHILESELETEVEFVSGGLGGSLRERDEEEEAARGR
RRRQRELNRKYQALGRRCREIEQVNERVLNRLHQVQRITRRLQQERRFLMRVLDSDYDDYRASQFTIVL
EDEGSQGTDAPTPGNAENEPPEKETLSPRRTPAPPEPGSPAPGEGPSGRKRRRVPRDGRRAGNALTPEL
APVQIKVEEDFGFEADEALDSSWVSRGPKLLPYPTLSPASD

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_013342

ORF Size:

759 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](#)

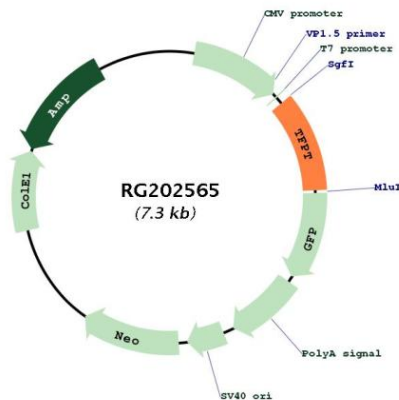
OTI Annotation:

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_013342.3, NP_037474.1</u>
RefSeq Size:	1223 bp
RefSeq ORF:	762 bp
Locus ID:	29844
UniProt ID:	<u>P0C1Z6</u>
Cytogenetics:	19q13.42
Gene Summary:	Appears to promote apoptosis in a p53/TP53-independent manner.[UniProtKB/Swiss-Prot Function]

Product images:

Circular map for RG202565