

## Product datasheet for **RG204382**

### ZFAND3 (NM\_021943) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZFAND3 (NM_021943) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZFAND3
Synonyms:	TEX27
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204382 representing NM_021943 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGAGACGCTGGGAGCGAGCGCAGCAAAGCGCCAGCCTGCCGCTCGCTGTCCCTGCGGCTTCTGGG  
GGTCCAGCAAGACTATGAATCTCTGTTCCAAATGCTTTGCTGATTTTCAAAGAAACAGCCAGACGATGA  
TTCCGCTCCAAGTACAAGTAACAGCCAATCAGATTTGTTTTCCGAAGAGACCACCAGTGACAACAACAT  
ACCTCGATAACCACGCCAACTCTTAGTCCCAGCCAGCAGCCGCTCCGACAGAACTGAATGTAACCTCAC  
CGAGTAAAGAGGAGTGTGGCCATGCACAGACACAGCTCATGTCTCATTAAACACCAACAAAAAGATC  
CTGTGGTACAGATTCACAGTCTGAGAATGAGGCTTACCAGTAAAACGGCCACGACTACTTGAGAATACG  
GAACGGTCCGAGGAAACCAGTCGATCTAAACAGAAGAGTCGACGTCGGTCTCCAGTGCCAAACAAAAC  
TGGAGCTGGTGCAGCAGGAATTGGGATCGTGTCGCTGCGGTTATGTGTTCTGTATGTTACATCGCCTCCC  
CGAGCAGCAGCAGTGCACATTCGACCACATGGGCCGTGGCCGGGAGGAAGCCATCATGAAAATGGTGAAG  
CTGGACCGGAAAGTGGGGCGCTCCTGCCAGCGCATCGGGGAGGGGTGCTCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG204382 representing NM\_021943  
 Red=Cloning site Green=Tags(s)

MGDAGSERSKAPSLPPRCPCGFWGSSKTMNLCCKCFADFQKKQPDDDSAPSTSNSQSDLFSEETSDNNN  
 TSITTPTLSPSQQLPTELNVTSPSKEECGPCTDAHVSLITPTKRSCGTDSENEASPVKRPRLLENT  
 ERSEETSRSKQKSRRRRCFQCQTKLELVQQLGSCRCGYVFCMLHRLPEQHDCTFDHMRGREGEEAIMKMKV  
 LDRKVGRCQRIGEGCS

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_021943

**ORF Size:** 681 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\\_021943.3](#)

**RefSeq Size:** 3005 bp

**RefSeq ORF:** 684 bp

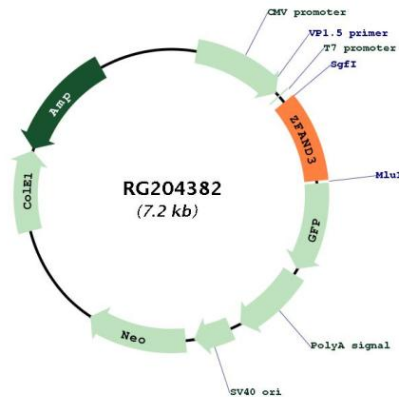
**Locus ID:** 60685

**UniProt ID:** [Q9H8U3](#)

**Cytogenetics:** 6p21.2

**Domains:** ZnF\_AN1, zf-A20

**Product images:**



Circular map for RG204382