

Product datasheet for **RG217194**

ZNF365 (NM_199452) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF365 (NM_199452) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF365
Synonyms:	Su48; UAN; ZNF365D
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG217194 representing NM_199452 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGCGCTGGGTCAGATAACCATCACTGTCTCCAGGTGCTGGAATACAGAGAGGAACCAAACAGATA
AAAATCCTTGCTGCACGGAGCTTACCTTCAGCTAAGGGAGACAGTCAAAAACAAGTCAACACATCTAAA
GAAGCCACTGATGAAACAGGCTCCCCCTTGAAAGACCATCTCGCCTTCCAACCTCTCCATCCTGCAGAG
AGGAAAACCAAGTTTGGCGTTGGCAGTCAGGTAATTCATCAGATCTGAAACCACCTCATCAGCATCCC
CCTGGCCAACCTGGAAGCAACCGTGACGTTGTGCTGAATACACTTGCAGAGTCGTGCTGTGGTCTCTCCGA
GCTCATCACGGCACCTCCCTATGCAGGAGTTTCAATTCAGGATTTAGCCAAATTTGGGTGCTATTTCCC
TTTTGTGGAGGGACTTTTCATCACAATGAGAAGGACGTCTTAGGACTCCAGGACTTTGAGAGAGAAAAGTG
TCTCTACAAGTCAAAGCAGGAATATCAGCCTTCTTACACTAGGACAACCTCCAAAATTGTGTGATTGGCAA
ATTGACAATCATCGATTTGTTGACTGAACACCTGTTAGGTGTAAGGCACGGTGTGCATATGCTTTCCTTGG
GGCTTGCTTCAAGCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG217194 representing NM_199452
Red=Cloning site Green=Tags(s)

MSALGQITITVSRWNTERNQTDKNPCLHGAYLQLRETVKNKSTHLKKPLMKQAPPWKDHLAFQPLHPAE
 RKTQVWRWQSGNSSDLETTSSASPWPTGNSNRDVLNNTLAESCCGLSELITAPPYAGVSIQGFSSQIWLFP
 FCGGTFHHNEKDVLLGLQDFERESVSTSQSRNISLLTLGQLQNCVIGKLTIIDLLTEHLLGVRHGVICFPW
 GLPSSS

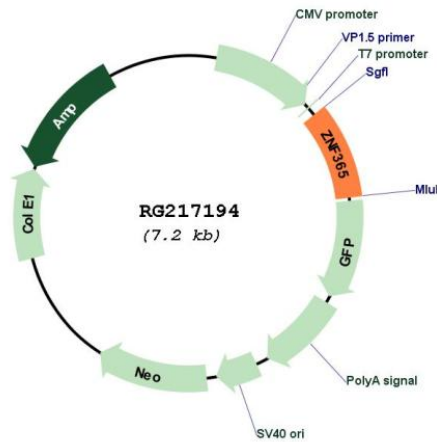
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_199452

ORF Size: 648 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_199452.3 , NP_955524.3
RefSeq Size:	2695 bp
RefSeq ORF:	651 bp
Locus ID:	22891
UniProt ID:	Q70YC4
Cytogenetics:	10q21.2
Gene Summary:	This gene encodes a zinc finger protein that may play a role in the repair of DNA damage and maintenance of genome stability. The N-terminal C2H2 zinc finger motif is required to form a protein complex with PARP1 and MRE11, which are known to be involved in the restart of stalled DNA replication forks. A mutation in this gene may be associated with breast cancer susceptibility. [provided by RefSeq, Mar 2020]