

Product datasheet for **RG219101**

ZNF391 (NM_001076781) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF391 (NM_001076781) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF391
Synonyms:	dj153G14.3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG219101 representing NM_001076781 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAAGCCTCAGAGGGAATACTGCTCAGGGTCTACAAATGAAGAAGACTATAAAAACGAAGGCCAAT
TATCAAGGCAAACAAAATGTCCTGCACAGAAGAAATCCTCTTTTGAGAACACAGTGGTCAGAAAAGTGTC
AGTGACACTCAAAGAAATTTTCACAGGGGAGGAAGGCCCTGAATCCAGTGAATTTAGTCTAAGCCAAAC
CTTGACGCACAACAGAAAATCCAAAGGGACATGGATCCCAATATCTAGGAAAACTCCAAAGATAATT
CAGACTTAATTAACACCAAAGACTTTTTCTCACAAGAAAACCTTGTAATGCAATGAATGTGAAAAAGC
CTTTAGTTACCAATCAGACCTTCTGTACACAGTAGAATTCATGGTGGAGAAAAGCCTTTTGAATGCAAC
AAATGTGGGAAATCTTTTCAGCCGAAGTACACACCTTATTGAACATCAAAGAACTCACACTGGAGAGAAAAC
CTTATGAATGCAATGAATGTGAAAAAGCTTTTAGCCGGAGCACACATCTTAGTCTACATCAGAGAATCCA
TACTGGAGAAAAACCATATGAATGTAGTGAATGTGAAAAAGCCTTTAGCCGAAGCACTAACCTTAGTCAG
CATCAGCGAACTCATACTCAAGAAAGGCCTTACAAATGTAATGAATGTGGGAAAGCCTTCGGTGACCGTT
CAACCAATATTCAGCATCAACGAATACACACTGGAGAGAATCCCTATGAATGCAGTAAATGTGAAAAAGC
TTTCAGTTGGATCTCATCGCTTACTGAACATCAGAGAACACACTGGGGAAGCCCTATGAGTGCAGT
GAATGTGGGAAAGTGTTTCAGTCGAAGCTCGTCTTTACAGAATCCACAGTGGAGAAAAGC
CTCAGAGTGTAGAGTGTGTGAAAGGGCTTCAGTCGAAGCTCATCCCTATTATTATCATCAGAGAATCA
TACCGGGGAGAAGCCGTACAAATGTAATGACTGTGAAAAAGCCTTCTGTGAGAGTCAACTCTGATCAGA
CATCAGCACCTTCATACTAAAGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG219101 representing NM_001076781
 Red=Cloning site Green=Tags(s)

MESLRGNTAQGPTNEEDYKNEGQLSRQTKCPAQKKSSFENTVVRKVSVTLKEIFTGEEGPESSEFSLSPN
 LDAQQKIPKGGHSPISRKNSKDNSDLIKHQRLF SQRKPKCKNECEKAFSYQSDLLVHSRIHGGEKPFECN
 KCGKSF SRSTHL IEHQRTHTGEKPYECNECGKAF SRSTHL SLHQRIHTGEKPYECSECGKAF SRSTNLSQ
 HQRTHTQERPYPKNECGKAF GDRSTIIHQRIHTGENPYECSKCGKAF SWISSL TEHQRTHTGENPYECS
 ECGKVF SRSSSL TEHQRIHSGEKPHCECRVCGKGF SRSSSL I IHQRTHTGEKPYKNCDCGKAF CQSSTLIR
 HQLHHTKE

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001076781

ORF Size: 1074 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_001076781.2](#), [NP_001070249.1](#)

RefSeq Size: 1596 bp

RefSeq ORF: 1077 bp

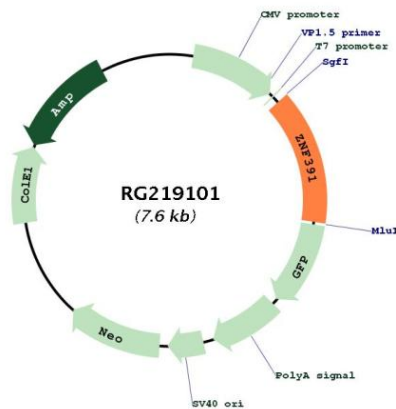
Locus ID: 346157

UniProt ID: [Q9UJN7](#)

Cytogenetics: 6p22.1

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG219101