

## Product datasheet for **RG237676**

### ZNF140 (NM\_001300776) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF140 (NM_001300776) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF140
Synonyms:	pHZ-39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237676 representing NM_001300776. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAGAATTCTAAGTCAAGGCCCTGTGATTCCAGTTTTAAAGGAGGCTGGAATGCAAGGATCAT
ACTGAGATGCTGCAAGAAAATCAGGGATGTATTAGGAAAGTAACAGTCTCTCATCAAGAAGCCCTGGCT
CAACATATGAATATCAGTACTGTGGAGAGGCCCTATGGATGCCATGAATGTGGAAAACTTTTGGTCGA
CGCTTTTCCCTGGTGTACACCAGAGGACTCATACTGGAGAGAAACCATATGCATGTAAGGAATGTGGC
AAAACCTTTAGCCAGATTTCAAACCTTGTGAAACACCAAAATGATACATACTGGAAAGAAACCCCATGAG
TGTAAGGACTGTAATAAAACATTCAGTTACCTTTCACTTTCTATTGAACACCAGAGAACGCACACTGGG
GAGAAACCTTATGAATGTACTGAGTGTGAAAGGCCCTTTAGCCGTGCCTCCAACCTCACTCGACATCAA
AGAATTCACATAGGAAAGAAACAATATATATGTAGGAAATGTGGTAAAGCATTAGCAGTGGCTCAGAA
CTCATTGCCACAGATTACACATACTGGAGAGAAACCTTATGAATGCATTGAATGTGGGAAGGCATTT
CGCCGTTTCTCACACCTTACTCGACATCAGAGCATCCATAACAACCAAAACCCCGTATGAATGTAATGAA
TGTAGGAAAGCTTCCGTTGTCCTCATTCTTATTAACATCAGAGAATTCATGCTGGAGAAAAGCTC
TATGAATGTGATGAATGTGGTAAAGTTTCACTTGGCATGCATCCCTTATTCAACATACGAAGAGTCAC
ACTGGAGAGAAACCCATGCGTGTGCTGAATGTGATAAAGCCTTCAGCCGGAGCTTTTCCCTCATTCTA
CATCAGAGAACTCATACTGGAGAGAAACCCATGTATGTAAGGTATGCAACAAATCCTTCAGCTGGAGC
TCAAACCTTGCTAAACATCAGAGGACACACTCTTGACAACCCCTATGAATATGAAAATTCATTTAAT
TACCCTCATTCTTACTGAACACCAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



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**Protein Sequence:** >Peptide sequence encoded by RG237676  
 Blue=ORF Red=Cloning site Green=Tag(s)

MERILSQGPVYSSFKGGWKCKDHTEMLQENQGCIRKVTVSHQEALAQHMNI STVERPYGCHECGKTFGR  
 RFSLVLHQRHTGKPYACKECGKTF SQISNLVKHQMIHTGKKPHECKDCNKTF SYLSFLIEHQRHTG  
 EKPYECTECGKAF SRASNLTRHQRIHIGKKQYICRKCGKAF SSGSELIRHQITHTGKPYECIECGKAF  
 RRFSHLTRHQSIHTTKTPYECNECRKAFRCHSFLIKHQRIHAGEKLYECDECGKVF TWHASLIQHTKSH  
 TGEKPYACAEDKAF SRSFSLILHQRHTGKPYVCKVCNKSFSWSSNLAKHQRTHTLDNPEYENSFN  
 YHSFLTEHQ  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001300776

**ORF Size:** 1062 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](#)

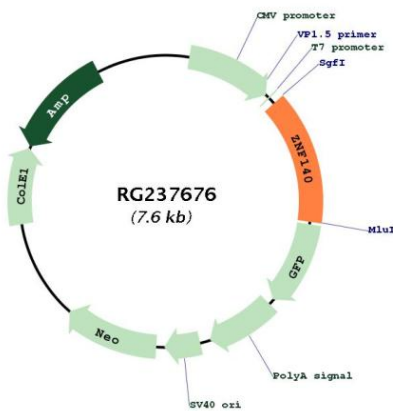
**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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).

**RefSeq:** [NM\\_001300776.1](#), [NP\\_001287705.1](#)

**RefSeq Size:** 3179 bp

RefSeq ORF:	1065 bp
Locus ID:	7699
UniProt ID:	<a href="#">P52738</a>
Cytogenetics:	12q24.33
Protein Families:	Transcription Factors
MW:	41.6 kDa
Gene Summary:	May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]

**Product images:**


Circular map for RG237676