

## Product datasheet for **RG237637**

### ZNF180 (NM\_001288762) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF180 (NM_001288762) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF180
Synonyms:	HHZ168
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237637 representing NM_001288762. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGAGAAATAATTCTGAAGAGAAACCTTTTGAATGTAATCAGTGTGGGAAATCCTTCAGCTGGAGCTCG
CATCTTGTTCACATCAGAGAACTCACACAGGGGAGAAACCTTATGAATGTAGTGAATGTGGAAATCC
TTCAGCCGGAGCTCGCACCTTGTTCATCAGAGAACTCATACTGGAGAGAAACCTTACAGGTGTAAT
CAATGTGGGAAATCCTTTAGCCAGAGTTATGTCCTTGTGTGCATCAAAGAACTCATACTGGGGAGAAG
CCTTATGAATGCAATCAGTGTGGAAAGTATTAGGCAGAGCTATAAACTTATTGCACATCAAAGAACA
CATACCGAGAGAAAGCCCTATGAATGTAATCAATGTGGGAAATCATTTATCCAGAGCTATAAACTTATT
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AGCTTGAGTGTCTGACTTATTGTGCATCAAAGAACTCATACTGGAGAGAAACCCCTTACATGTATTACG
TGTGGAAAAGCTTTCATTAATAGCTATAAACTTATTAGGCATCAGGCAACTCATACTGAAGAGAAACTC
TATGAATGTAAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



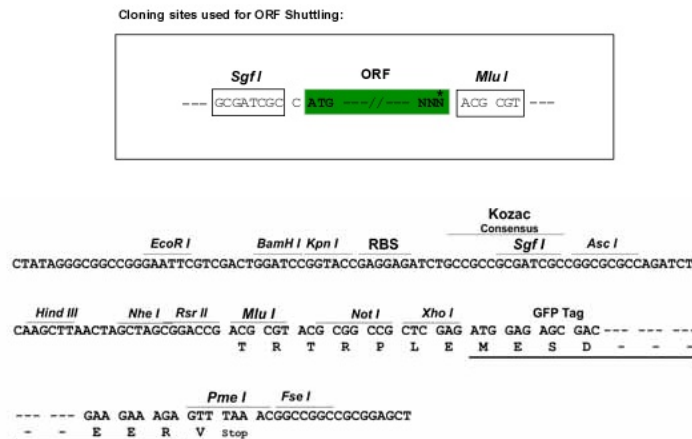
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**Protein Sequence:** >Peptide sequence encoded by RG237637  
 Blue=ORF Red=Cloning site Green=Tag(s)

MRNNSSEKPFECNQCGKSFSSWSSHLVAHQRTHTGEKPYECSECGKSFSSRSHLVSHQRTHTGEKPYRCN  
 QCGKSFSSQSYVLVHQRTHTGEKPYECNQCGKSFQSYKLIHQRTHTGEKPYECNQCGKSFQSYKLI  
 AHQRIHTGEKPYECNQCGKSFSSQSYKLVAHQRTHTGEKPFECNQCGKSFSSWSQLVAHQRTHTGEKPYE  
 CSECGKSFNRSSHLVMHQRIHTGEKPYECNQCGKSFSSQSYVLVHQRTHTGEKPYECNQCGKSFQSSC  
 LTOHQRTHTGEKPFECNQCGKTFSLSARLIVHQRTHTGEKPFCTCIQCGKAFINSYKLIHQATHTEEKL  
 YECN  
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001288762

**ORF Size:** 1047 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.

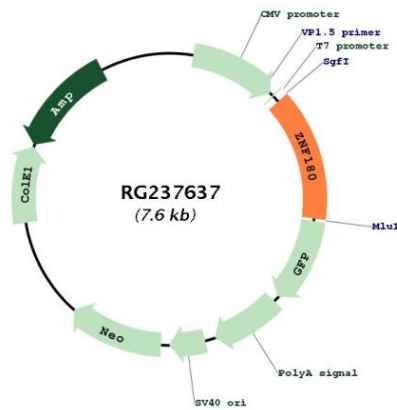
**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**RefSeq:** [NM\\_001288762.3](#)

**RefSeq Size:** 4214 bp

**RefSeq ORF:** 1050 bp  
**Locus ID:** 7733  
**UniProt ID:** [Q9UJW8](#)  
**Cytogenetics:** 19q13.31  
**Protein Families:** Transcription Factors  
**MW:** 40.7 kDa  
**Gene Summary:** Zinc finger proteins have been shown to interact with nucleic acids and to have diverse functions. The zinc finger domain is a conserved amino acid sequence motif containing 2 specifically positioned cysteines and 2 histidines that are involved in coordinating zinc. Kruppel-related proteins form 1 family of zinc finger proteins. See MIM 604749 for additional information on zinc finger proteins.[supplied by OMIM, Jul 2002]

**Product images:**



Circular map for RG237637