

Product datasheet for **RG237636**

ZNF180 (NM_001288761) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF180 (NM_001288761) 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:	>RG237636 representing NM_001288761. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGAGAAATAATTCTGAAGAGAAACCTTTTGAATGTAATCAGTGTGGAAATCCTTCAGCTGGAGCTCG
CATCTTGTTCACATCAGAGAAGCTCACACAGGGGAGAAACCTTATGAATGTAGTGAATGTGGAAATCC
TTCAGCCGGAGCTCGCACCTTGTTCATCAGAGAAGCTCATACTGGAGAGAAACCTTACAGGTGTAAT
CAATGTGGAAATCCTTTAGCCAGAGTTATGTCCTTGTGTGCATCAAAGAAGCTCATACTGGGGAGAAG
CCTTATGAATGCAATCAGTGTGGAAAGTCATTCAGGCAGAGCTATAAACTTATTGCACATCAAAGAACA
CATACCGAGAGAGAAGCCCTATGAATGTAATCAATGTGGGAAATCATTTATCCAGAGCTATAAACTTATT
GCACATCAAAGAATTCATACTGGGGAAAAACCCCTATGAATGCAATCAGTGTGGGAAATCCTTTAGTCAA
AGTTATAAACTTGTTCATCAGAGAAGCTCACACAGGAGAAAAACCCCTTGAATGTAATCAGTGTGGG
AAATCCTTCAGCTGGAGCTCTCAGCTTGTTCACATCAAAGAAGCTCACACTGGAGAGAAACCGTATGAA
TGTAGTGAATGTGGAAATCTTTAACCAGTTCACCTTGTATGCATCAGAGAATTCACACTGGG
GAAAAACCGTATGAATGTAATCAGTGTGGGAAATCCTTCAGCCAGAGTTATGTTCTTGTGTACATCAG
AGAAGCTCATACTGGAGAAAAGCCCTATGAATGCAGTCAATGTGGGAAATCCTTCAGACAGAGTTCATGC
CTTACTCAACATCAGAGAAGCTCATACTGGAGAGAAACCATTTGAATGTAATCAGTGTGGAAAAACATTT
AGCTTGAGTGTCTGACTTATTGTGCATCAAAGAAGCTCATACTGGAGAGAAACCCCTTACATGTATTGAG
TGTGGAAAAGCTTTCATTAATAGCTATAAACTTATTAGGCATCAGGCAACTCATACTGAAGAGAAAAGCT
TATGAATGTAAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG237636
 Blue=ORF Red=Cloning site Green=Tag(s)

MRNNSSEKPFECNQCGKSFSSSHLVAHQRTHTGEKPYECSECGKSFSSSHLVSHQRTHTGEKPYRCN
 QCGKSFSSSYVLVHQRTHTGEKPYECNQCGKSFQSYKLIHQRTHTGEKPYECNQCGKSFQSYKLI
 AHQRIHTGEKPYECNQCGKSFQSYKLIHQRTHTGEKPFECNQCGKSFSSSQLVAHQRTHTGEKPYE
 CSECGKSFNRSSHLVMHQRIHTGEKPYECNQCGKSFSSSYVLVHQRTHTGEKPYECNQCGKSFQSSC
 LTOHQRTHTGEKPFECNQCGKTFSLSARLIVHQRTHTGEKPFCTCIQCGKAFINSYKLIHQATHTEEKL
 YECN
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001288761

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.

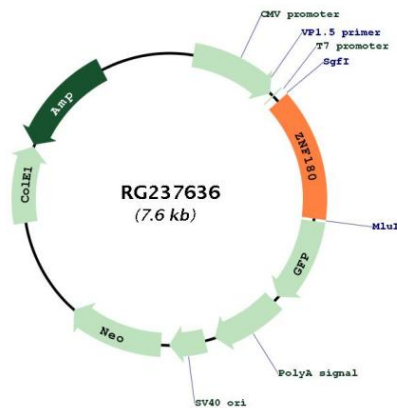
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001288761.3](#)

RefSeq Size: 4137 bp

RefSeq ORF:	1050 bp
Locus ID:	7733
UniProt ID:	<u>Q9UJW8</u>
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 RG237636