

Product datasheet for **RG239319**

ZNF180 (NM_001288759) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF180 (NM_001288759) 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)



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ORF Nucleotide Sequence:

>RG239319 representing NM_001288759.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGCGCAGGGTCTACGCGGAAGCTGGAAGCGGTGTCAGCTCAGGACCTCAGCACCTGCTGTGCCTG
GAGGAGAGCATGGAAGAGCAGGATGAGAAGCCCCAGAGCCCCGAAGGCTGTGCACAGGATTCTTTC
CTTCTCAAGAGATTATCATCAAAGTCGAGGGAGAAGACACTGGGTCTCTGACCATCCCATCTCAGGAA
GGAGTGAACCTTCAAATTTGTGACTGTGGACTTCACACGGGAGGAACAGGGTACTTGAACCTGCTCAG
AGGACCTGGACAGAGATGTGATCCTGGAGAACCACAGGGACCTAGTCTCTTGGGACTTGGCAACTGCA
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CATGAGAGAGTCTGCAAAAGTGAAGAACTGGGAGAAGAGTGGTCTGAATTCAGTCTATTTTCATCC
CCAGTTATACCCATAAGAAACCATTTTCATAAACATGTATCACATGCTAAAAATGGCATCTTAATGCT
GCTGTAACAGTCATCAGAAGATTAATGAGAATGAGACACTATATGAAAAAATGAATGTGGAAAAACC
CCTCAGAGCATTACCTTATTAGTTTACAAGAACTCAAACAAAAGATAAATCCTATGGATTTAGTGAC
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CATCAGAGAACTCATACTGGAGAGAAACATTTGAATGTAATCAGTGTGGAAAAACATTTAGCTTGAGT
GCTCGACTTATTGTGCATCAAAGAACTCATACTGGAGAGAAACCTTTACATGTATTAGTGTGGAAAA
GCTTTCATTAATAGCTATAAACTTATTAGGCATCAGGCAACTCATACTGAAGAGAAACTCTATGAATGT
AAC
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG239319
 Blue=ORF Red=Cloning site Green=Tag(s)

MRRVYAGSWKRCAAQDLSTLLCLEESMEEQDEKPPPEPKVCAQDSFLPQEIIKVEGEDTGSLTIPSQE
 GVNFKIVTVDFTREEQGTCPAQRDLDRDVIENHRDLVSWDLATAVGKKDSTSKQRIFDEEPANGVKI
 ERFTRDDPWLSSCEEVDDCKDQLEKQEQEKQEILLQEVAFQQRKAVIHERVCKSDETGEKSGLNSSLFSS
 PVIPIRNHFHKHVSHAKKWHLNAAVNSHQKINENETLYENNECGKPPQSIHLIQFTRTQTKDKSYGFS
 RIQSFCHGTPLHIHEKIHGGGKTFDFKECGQVLNPKISHNEQQRIPFEESQYKCSSETSHSSSLTQNMNRN
 NSEEKPFECNQCGKSFSSWSHLVAHQRTHTGEKPYECSECGKSFSSSHLVSHQRTHTGEKPYRCNQCG
 KSFSQSYVLVHQRHTHTGEKPYECNQCGKSFQSYKLIHQRTHTGEKPYECNQCGKSFQSYKLIHQ
 RIHTGEKPYECNQCGKSFQSYKLIHQRTHTGEKPFECNQCGKSFSSWSQLVAHQRTHTGEKPYECSE
 CGKSFNRSSHLVMHQRIHTGEKPYECNQCGKSFQSYVLVHQRHTHTGEKPYECNQCGKSFQSSCLTQ
 HQRHTHTGEKPFECNQCGKTFSLSARLIVHQRHTHTGEKPFQICQCGKAFINSYKLIHQATHTEELKYE
 CN
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYTNRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPE
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSSHMFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



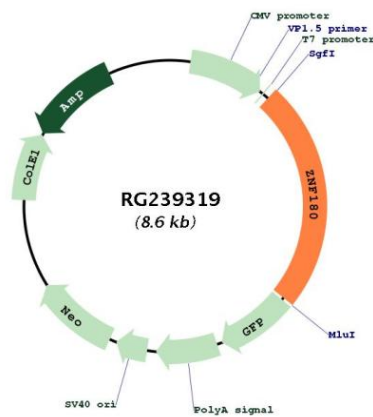
ACCN: NM_001288759

ORF Size: 2073 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_001288759.3
RefSeq Size:	4341 bp
RefSeq ORF:	2076 bp
Locus ID:	7733
UniProt ID:	Q9UJW8
Cytogenetics:	19q13.31
Protein Families:	Transcription Factors
MW:	79.7 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 RG239319