

## Product datasheet for RC237635

### ZNF180 (NM\_001288760) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF180 (NM_001288760) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF180
Synonyms:	HHZ168
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237635 representing NM_001288760 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAGAAATAATTCTGAAGAGAAACCTTTTGAATGTAATCAGTGTGGAAATCCTTCAGCTGGAGCTCGC  
ATCTTGTTGCACATCAGAGAACTCACACAGGGGAGAAACCTTATGAATGTAGTGAATGTGGAAAATCCTT  
CAGCCGGAGCTCGCACCTTGTTCATCAGAGAACTCATACTGGAGAGAAACCTTACAGGTGTAATCAA  
TGTGGAAATCCTTAGCCAGAGTTATGTCCTTGTGTGCATCAAAGAACTCATACTGGGAGAAGCCTT  
ATGAATGCAATCAGTGTGAAAGTCATTAGGCAGAGCTATAAACTTATTGCACATCAAAGAACACATAC  
CGGAGAGAAGCCCTATGAATGTAATCAATGTGGGAAATCATTTATCCAGAGCTATAAACTTATTGCACAT  
CAAAGAATTCATACTGGGAAAAACCTATGAATGCAATCAGTGTGGAAATCCTTATGTCAAAAGTTATA  
AACTTGTGTGCATCAGAGAACTCACACAGGAGAAAAACCTTTGAATGTAATCAGTGTGGGAAATCCTT  
CAGCTGGAGCTCTCAGCTTGTTCACATCAAAGAACTCACACTGGAGAGAAACCGTATGAATGTAGTGAA  
TGTGGAAAATCTTTAACCAGTCTCACCTTGTATGCATCAGAGAATTCACACTGGGAAAAACCGT  
ATGAATGTAATCAGTGTGGGAAATCCTTCAGCCAGAGTTATGTTCTTGTGTACATCAGAGAACTCATACT  
TGGAGAAAAGCCCTATGAATGCAGTCAATGTGGGAAAGTCTTCAGACAGAGTTTCATGCCTTACTCAACAT  
CAGAGAACTCATACTGGAGAGAAACCTTTGAATGTAATCAGTGTGGAAAAACCTTTAGCTTGAGTGCTC  
GACTTATTGTGCATCAAAGAACTCATACTGGAGAGAAACCTTTACATGTATTAGTGTGGAAAAGCTTT  
CATTAATAGCTATAAACTTATTAGGCATCAGGCAACTCATACTGAAGAGAAACTCTATGAATGTAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC237635 representing NM\_001288760  
Red=Cloning site Green=Tags(s)

MRNNSEEKPFECNQCCKGKFSWSSSHLVAHQRTHTGEKPYECSECGKFSRSSHLSVSHQRTHTGEKPYRCNQ  
 CGKFSQSYYLVVHQRTHTGEKPYECNQCCKGKFSRQSYKLIHQRTHTGEKPYECNQCCKGKFSIQSYKLIHQ  
 QRIHTGEKPYECNQCCKGKFSQSYYLVAHQRTHTGEKPFECNQCCKGKFSWSSQLVAHQRTHTGEKPYECSE  
 CGKSFNRSSHLMVHQRIHTGEKPYECNQCCKGKFSQSYYLVVHQRTHTGEKPYECNQCCKGKFSRQSSCLTQH  
 QRTHTGEKPFECNQCCKGKFSLSARLIVHQRTHTGEKPFTCIQCGKAFINSYKLIRHQATHTEKLYECN

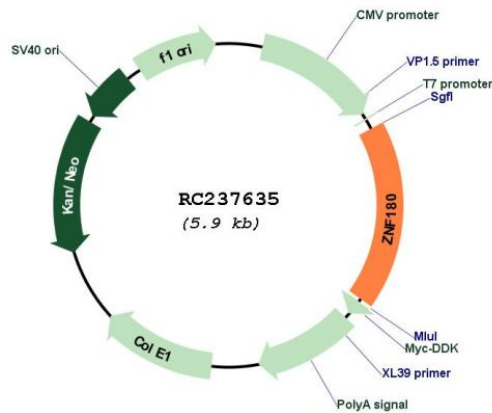
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001288760

**ORF Size:** 1047 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001288760.3</a>
<b>RefSeq Size:</b>	4509 bp
<b>RefSeq ORF:</b>	1050 bp
<b>Locus ID:</b>	7733
<b>UniProt ID:</b>	<a href="#">Q9UJW8</a>
<b>Cytogenetics:</b>	19q13.31
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	40.7 kDa
<b>Gene Summary:</b>	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]