

## Product datasheet for **RC237637**

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

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNF180 (NM\_001288762) 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:** >RC237637 representing NM\_001288762  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGAAATAATTCTGAAGAGAAACCTTTTGAATGTAATCAGTGTGGAAATCCTTCAGCTGGAGCTCGC  
ATCTTGTTGCACATCAGAGAACTCACACAGGGGAGAAACCTTATGAATGTAGTGAATGTGGAAAATCCTT  
CAGCCGGAGCTCGCACCTTGTTCATCAGAGAACTCATACTGGAGAGAAACCTTACAGGTGTAATCAA  
TGTGGAAATCCTTAGCCAGAGTTATGTCCTTGTGTGCATCAAAGAACTCATACTGGGAGAAGCCTT  
ATGAATGCAATCAGTGTGAAAGTCATTAGGCAGAGCTATAAACTTATTGCACATCAAAGAACACATAC  
CGGAGAGAAGCCCTATGAATGTAATCAATGTGGGAAATCATTTATCCAGAGCTATAAACTTATTGCACAT  
CAAAGAATTCATACTGGGAAAAACCTATGAATGCAATCAGTGTGGAAATCCTTTAGTCAAAGTTATA  
AACTTGTGTGCATCAGAGAACTCACACAGGAGAAAAACCTTTGAATGTAATCAGTGTGGGAAATCCTT  
CAGCTGGAGCTCTCAGCTTGTTCATCAAAGAACTCACACTGGAGAGAAACCGTATGAATGTAGTGAA  
TGTGGAAAATCTTTAACCAGTCTCACCTTGTATGCATCAGAGAATTCACACTGGGAAAAACCGT  
ATGAATGTAATCAGTGTGGGAAATCCTTCAGCCAGAGTTATGTTCTTGTGTACATCAGAGAACTCATACT  
TGGAGAAAAGCCCTATGAATGCAGTCAATGTGGGAAAGTCTTCAGACAGAGTTTCATGCCTTACTCAACAT  
CAGAGAACTCATACTGGAGAGAAACCTTTGAATGTAATCAGTGTGGAAAAACCTTTAGCTTGTAGTGCTC  
GACTTATTGTGCATCAAAGAACTCATACTGGAGAGAAACCTTTACATGTATTAGTGTGGAAAAGCTTT  
CATTAATAGCTATAAACTTATTAGGCATCAGGCAACTCATACTGAAGAGAAACTCTATGAATGTAAC

**ACGGT**ACGGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC237637 representing NM\_001288762  
 Red=Cloning site Green=Tags(s)

MRNNSSEKPFECNQCCKGKFSWSSSHLVAHQRTHTGEKPYECSECGKSFSSSHLVSHQRTHTGEKPYRCNQ  
 CGKFSQSYYLVVHQRTHTGEKPYECNQCCKGKFSRQSYKLIHQRTHTGEKPYECNQCCKGKFSIQSYKLIHQ  
 QRIHTGEKPYECNQCCKGKFSQSYYLVVAHQRTHTGEKPFECNQCCKGKFSWSSQLVAHQRTHTGEKPYECSE  
 CGKSFNRSSHLVMHQRIHTGEKPYECNQCCKGKFSQSYYLVVHQRTHTGEKPYECNQCCKGKFSRQSSCLTQH  
 QRTHTGEKPFECNQCCKGKFSLSARLIVHQRTHTGEKPFQICQCGKAFINSYKLIRHQATHTEKLYECN

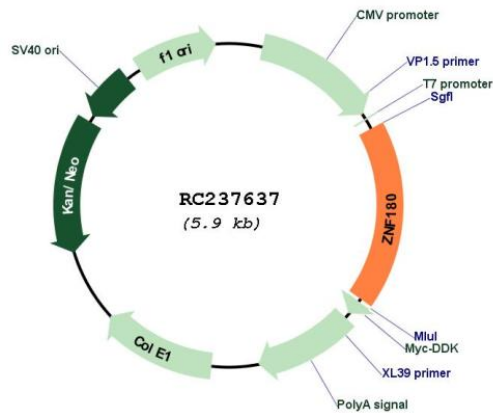
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001288762

**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_001288762.3</a>
<b>RefSeq Size:</b>	4214 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]