

## Product datasheet for **RC237677**

### ZNF140 (NM\_001300778) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNF140 (NM\_001300778) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** ZNF140  
**Synonyms:** pHZ-39  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC237677 representing NM\_001300778  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAAGAATTCTAAGTCAAGGCCCTGTGTATTCCAGTTTTAAAGGAGGCTGGAATGCAAGGATCATA  
CTGAGATGCTGCAAGAAAATCAGGGATGTATTAGGAAAGTAACAGTCTCTCATCAAGAAGCCCTGGCTCA  
ACATATGAATATCAGTACTGTGGAGAGGCCCTATGGATGCCATGAATGTGGAAAACTTTTGGTCGACGC  
TTTTCCCTGGTGTACACCAGAGGACTCATACTGGAGAGAAACCATATGCATGTAAGGAATGTGGCAAAA  
CCTTTAGCCAGATTTCAAACCTTGTGAAACACCAAATGATACATACTGGAAGAAAACCCCATGAGTGTA  
GGACTGTAATAAAACATTCAGTTACCTTTCATTCTTATTGAACACCAGAGAACGCACACTGGGGAGAAA  
CCTTATGAATGTACTGAGTGTGGAAAGGCCCTTAGCCGTGCCCTCAACCTCACTCGACATCAAAGAATTC  
ACATAGGAAAGAAAACAATATATGTAGGAAATGTGGTAAAGCATTTAGCAGTGGCTCAGAACTCATTTCG  
CCACCAGATTACACATACTGGAGAGAAACCTTATGAATGCATTGAATGTGGGAAGGCATTTCCGCCGTTTC  
TCACACCTTACTCGACATCAGAGCATCCATAACAACAAAACCCCGTATGAATGTAATGAATGTAGGAAAG  
CTTTCCGTTGTCACTCATTCTTATTAACATCAGAGAATTCATGCTGGAGAAAAGCTCTATGAATGTGA  
TGAATGTGGTAAAGTTTTCACTTGGCATGCATCCCTTATTCAACATACGAAGAGTCACACTGGAGAGAAA  
CCCTATGCGTGTGCTGAATGTGATAAAGCCTTCAGCCGGAGCTTTTCCCTCATTCTACATCAGAGAACTC  
ATACTGGAGAGAAAACCTATGTATGTAAGGTATGCAACAAATCCTTCAGCTGGAGCTCAAACCTTGCTAA  
ACATCAGAGGACACACTCTTGACAACCCCTATGAATATGAAAATTCATTTAATTACCCTCATTCTCT  
ACTGAACACCAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC237677 representing NM\_001300778  
 Red=Cloning site Green=Tags(s)

MERILSQGPVYSSFKGGWKCKDHTEMLQENQGCIRKVTVSHQEALAQHMNI<sup>ST</sup>VERPYGCHECGKTFGRR  
 FSLVLHQRTH<sup>T</sup>GEKPYACEKCGKTF<sup>SQ</sup>ISNLVKHQMIHTGKKPHECKDCNKTF<sup>SYL</sup>SFLIEHQ<sup>R</sup>TH<sup>T</sup>GEK  
 PYECTECGKAF<sup>S</sup>RASNLTRHQ<sup>R</sup>IHI<sup>G</sup>KKQYIC<sup>R</sup>KCGKAFSSGSELIRHQ<sup>I</sup>TH<sup>T</sup>GEKPYECIECGKAFRRF  
 SHLTRHQ<sup>S</sup>IHTTKTPYECNECRKAF<sup>R</sup>CHSFLIKHQ<sup>R</sup>IHAGEKL<sup>Y</sup>ECDECGKVFTW<sup>H</sup>ASLIQHTK<sup>S</sup>HTGEK  
 PYACAEC<sup>D</sup>KAF<sup>S</sup>RSFSLILHQRTH<sup>T</sup>GEKPYVCKVCN<sup>K</sup>SF<sup>SW</sup>SSNLAKHQ<sup>R</sup>TH<sup>T</sup>LDN<sup>P</sup>Y<sup>E</sup>YENS<sup>F</sup>NYHSFL  
 TEHQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

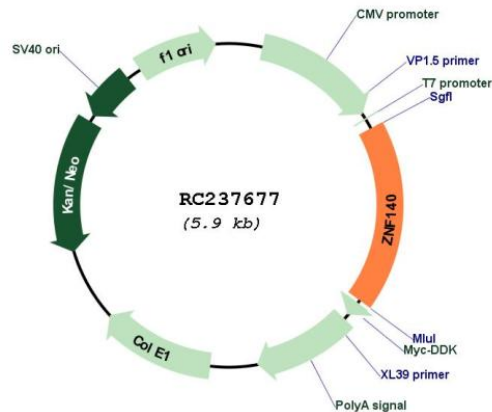
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001300778

|                               |   |
|-------------------------------|---|
| <b>ORF Size:</b>              | 1062 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_001300778.1</a> , <a href="#">NP_001287707.1</a>   |
| <b>RefSeq Size:</b>           | 3394 bp   |
| <b>RefSeq ORF:</b>            | 1065 bp   |
| <b>Locus ID:</b>              | 7699  |
| <b>UniProt ID:</b>            | <a href="#">P52738</a>  |
| <b>Cytogenetics:</b>          | 12q24.33  |
| <b>Protein Families:</b>      | Transcription Factors   |
| <b>MW:</b>                    | 41.6 kDa  |
| <b>Gene Summary:</b>          | May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]  |