

## Product datasheet for **RC237486**

### ZNF140 (NM\_001300777) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF140 (NM_001300777) 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:	>RC237486 representing NM_001300777 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCTGCAAGAAAATCAGGGATGTATTAGGAAAGTAACAGTCTCTCATCAAGAAGCCCTGGCTCAACATA  
TGAATATCAGTACTGTGGAGAGGCCCTATGGATGCCATGAATGTGGAAAACTTTTGGTCGACGCTTTTC  
CCTGGTGTACACCAGAGGACTCATACTGGAGAGAAACCATATGCATGTAAGGAATGTGGCAAAACCTTT  
AGCCAGATTTCAAACCTTGTGAAACACCAAATGATACATACTGGAAAGAAACCCCATGAGTGAAGGACT  
GTAATAAAACATTCAGTTACCTTTTCATTTCTTATTGAACACCAGAGAACGCACACTGGGGAGAAACCTTA  
TGAATGTACTGAGTGTGGAAAGGCCCTTAGCCGTGCCTCCAACCTCACTCGACATCAAAGAATTCACATA  
GGAAAGAAACAATATATGTAGGAAATGTGGTAAAGCATTTAGCAGTGGCTCAGAACTCATTGCCACC  
AGATTACACATACTGGAGAGAAACCTTATGAATGCATTGAATGTGGGAAGGCATTTGCCGTTTCTCACA  
CCTTACTCGACATCAGAGCATCCATAACAACAAAACCCGATGAATGTAATGAATGTAGGAAAGCTTTC  
CGTTGTCACTCATTCTTATTAACATCAGAGAATTCATGCTGGAGAAAAGCTCTATGAATGTGATGAAT  
GTGGTAAAGTTTTCACTTGGCATGCATCCCTTATTCAACATACGAAGAGTCACACTGGAGAGAAACCTTA  
TGCGTGTGCTGAATGTGATAAAGCCTTCAGCCGAGCTTTTCCCTCATTCTACATCAGAGAATCATACT  
GGAGAGAAACCTATGTATGTAAGGTATGCAACAATCCTTCAGCTGGAGCTCAAACCTTCTAAACATC  
AGAGGACACACACTCTTGACAACCCCTATGAATATGAAAATTCATTTAATTACCCTCATTCTTACTGA  
ACACCAG

**ACGGT**ACGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC237486 representing NM\_001300777  
 Red=Cloning site Green=Tags(s)

MLQENQGCIRKVTVSHQEALAQHMNISTVERPYGCHECGKTFGRRFSLVLHQRTHTEKPYACKECGKTF  
 SQISNLVKHQMIHTGKKPHECKDCNKTFSYLSFLIEHQRTHTGEKPYECTECGKAFSRASNLTRHQRIHI  
 GKKQYICRKCGKAFSSGSELIRHQITHTGEKPYECIECGKAFRRF SHLTRHQSIHTTKTPYECNECRKAF  
 RCHSFLIKHQRIHAGEKLYEDECCKVFTWHASLIQHTKSHTGEKPYACAECDKAFSRFSLILHQRTHTE  
 GEKPYVCKVCKNSFSWSSNLAKHQRTHTLDNPYEYENSFNYSFLTEHQ

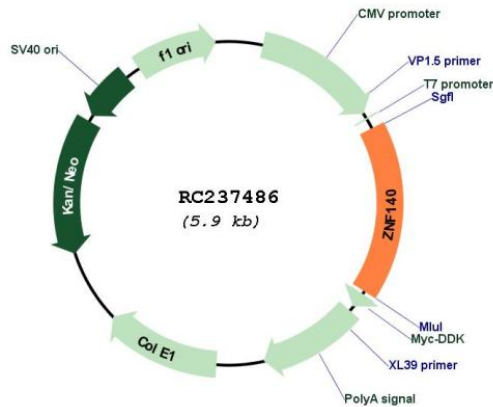
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001300777

**ORF Size:** 987 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_001300777.1</a> , <a href="#">NP_001287706.1</a>
<b>RefSeq Size:</b>	3212 bp
<b>RefSeq ORF:</b>	990 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>	38.3 kDa
<b>Gene Summary:</b>	May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]