

## Product datasheet for RC238343

### ZNF480 (NM\_001297625) Human Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: ZNF480 (NM\_001297625) Human Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: ZNF480  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RC238343 representing NM\_001297625  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGTTGGAGCAAAGGAGGGAGCCCTGGTCTGGTGAGAGTGAAGTAAAAATAGCAAAAAATTCAGATGGGA  
 GGGAGTGCATCAAAGGTGTGAACACAGGGAGCAGCTATGCATTGGGAAGCAATGCAGAAGACAAACCAAT  
 TAAAAACAACCTGGAGTATCCTTTCACTTACATCTGTCTGAACCTGGAGCTATTTCCAGATGAAAGGGTA  
 ATAAATGGATGTAATCAAGTTGAAAACCTTATCAACCACAGTTCCCTCTGTTTCCTGTCTTCAAGAAATGT  
 CTTCCAGTGTCAAACCCCATTTTTAATAGGAATGATTTTGATGATTCTTCATTCTCCACAAGAACA  
 GAAAGTACACCTTAGAGAAAAACCTTATGAATGTAATGAGCATAGCAAAGTCTTTAGAGTATCTTCCAGC  
 CTTACTAAACATCAAGTAATCCATACTGTAGAGAAACCTTACAAATGTAATTCATGCGGCAAGGTCTTTA  
 GTCGCAATTCACACCTTGCAGAACATTGTAGAATTCATACTGGAGAGAAACCTTACAAATGTAATGTCTG  
 TGGCAAGGTTTTAGTTACAATCAAACCTTGCACGACATCAAAGAATTCATACCAGAGAGAAGCCGTAT  
 GAATGTAATGAATGTGGTAAAGTCTTCAGTAATAATTCTTACCTTGCACGACATCAAAGAATTCATGCTG  
 AAGAGAAACCTTACAAATGTAATGAATGTGGTAAAGGCTTCAGTCATAAGTCATCTCTAGCAAATCATTG  
 GAGAAATTTATACTGGAGAGAAGCCTTACAAATGTGATGAATGTGGCAAGGCCTTCTATAGGATTGCGCTC  
 CTTGTACGACATCAGAAAATTCATACTGGAGAGAAACCTTACAAATGTAATGAATGTGGAAGGTCTTTA  
 TTCAAAATTCGCACCTAGCACAACATTGGAGAATTCATACAGGAGAGAAACCTTACAAATGTAATGAATG  
 TGGAAAAGTATTTAATCAACTTTCAAATCTTGCACGACATCGAAGAATTCATACTGGAGAGAAGCCTTAC  
 AAATGTAATGAATGTGGTAAAGCATTAGTGAGTATTCAGGCCTTTCAGCCCATCTTGAATCCACACTG  
 GAGAGAAGCCTTACAAATGTAGTGAATGTGGCAAGGCATTCAGACACAAGTTATCACTAACCAATCATCA  
 GAGAATCCATACTGGAGAAAGACCTTACAAATGTAATGAATGTGGCAAGGTCTTCAATCGAATTGCACAC  
 CTTGCACGACATCGAAAATTCATACTGGAGAGAAACCTTACAAATGTAATGAGTGTGGCAAGGCCTTTA  
 GTCGCATTTACATCTAGCACAACATTGGACAATTCATATGGGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**Protein Sequence:** >RC238343 representing NM\_001297625  
Red=Cloning site Green=Tags(s)

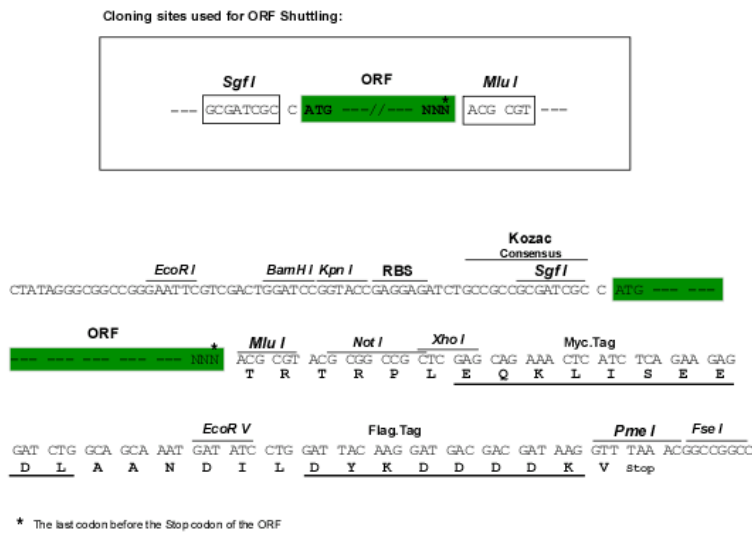
MLEQRREPWSEGESEVKIAKNSDGRECIKGVNTGSSYALGSNAEDKPIKKQLGVSFHLHLELELFPDERV  
 INGCNQVENFINHSSSVSCLQEMSSSVKTPIFNRNDFDSSFLPQEQVHLREKPYECNEHSKVFVRS  
 LTKHQVIHTVEKPYKCNCGKVF SRNSHLAEHCRIHTGEKPYKCNVCGKVF SYNSNFARHQRIHTREKPY  
 ECNECGKVF SNNSYLARHQRIHAEKPYKNECGKGF SHKSSLANHWRIYTGKPYKCECGKAFYRIAL  
 LVRHQKIHTGEKPYKNECGKVF IQNSHLAQHWRIHTGEKPYKNECGKVF NQLSNLARHRIHTGEKPY  
 KCNECGKAFSEYGLSAHLVIHTGEKPYKCECGKAFRHKLSLTNHQRIHTGERPYKNECGKVFNR  
 IAH LARHRKIHTGEKPYKNECGKAFSRISYLAQHWIHMG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

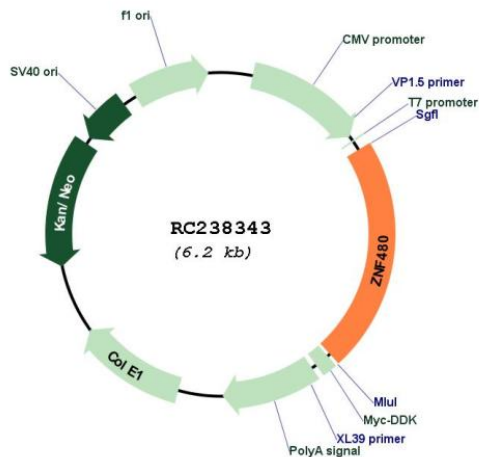
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



<b>ACCN:</b>	NM_001297625
<b>ORF Size:</b>	1374 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_001297625.1</a> , <a href="#">NP_001284554.1</a>
<b>RefSeq Size:</b>	4640 bp
<b>RefSeq ORF:</b>	1377 bp
<b>Locus ID:</b>	147657
<b>UniProt ID:</b>	<a href="#">Q8WV37</a>
<b>Cytogenetics:</b>	19q13.41
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	53.3 kDa
<b>Gene Summary:</b>	Involved in transcriptional regulation as an activator.[UniProtKB/Swiss-Prot Function]