

## Product datasheet for **RC237980**

### ZNF302 (NM\_001289182) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNF302 (NM\_001289182) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** ZNF302  
**Synonyms:** HSD16; MST154; MSTP154; ZNF135L; ZNF140L; ZNF327  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC237980 representing NM\_001289182  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCTCAGGTGACATTTAGTGATGTGGCTATAGACTTCTCTCATGAAGAGTGGGCATGCCTAGATTCTG  
 CTCAGAGGGACTTATACAAGGATGTGATGGTCCAGAATTATGAGAACCTGGTCTCTGTAGCAGGTCTTTT  
 CGTAACTAAGCCATATGTGATCATGTTATTGGAGGATGGAAAAGAGCCCTGGATGATGGAGAAAAACTG  
 TCAAAAGATTGGGAATCAAGATGGGAAAACAAGGAATTATCAACAAAGAAGGATATTTATGATGAAGATT  
 CACCCCAACCAAGTAAACAATGAAAAAGTTGAAAAACAAAGTTATGAATTTCAAATTTCTAATAAGAATTT  
 GGAATATACAGAATGCGACACATTTAGAAGCACCTTTCATTCAAAGTCTACTCTTTCTGAACCACAAAAAC  
 AATTCTGCTGAAGGGAATTCACACAAAATATGATATATTAAGAAGAATTTATCAAAAAAGTCAGTTATAA  
 AAAGTGAGAGAATAAATGGTGGAAAGAACTTTTAAATTTCTAATAAAAAGTGGGCGAGCCTTCAACCAGAG  
 CAAATCTCTTACCCTTCCCAGACTTGTAAATAGAGAGAAAATCTATACATGCAGTGAATGTGGGAAAGCC  
 TTTGGCAAACAGTCAATCCTCAGTCGCCACTGGAGAATTCATACAGGAGAGAAGCCCTATGAATGTCGTG  
 AATGTGGGAAGACTTTTAGCCATGGTTCATCCCTTACACGACATCAGATAAGCCATAGTGAGAGAAAAC  
 TTACAAAATGCATTGAATGTGGGAAGGCCTTTAGCCATGGCTCATCACTTACTAACCATCAGAGCACTCAC  
 ACGGGAGAGAAAACCGTATGAATGTATGAACTGTGGAAAAGTCTTTTAGTCGTGTGTCCTTCTCATTGAGC  
 ATCTAAGAATTCATACGCAAGAAAAACGCTATGAGTGTGCTATATGTGGAAAGGCCTTATTTCATAGTTC  
 GTCTCTCATTACCATCAGAAAAGCCATACTGGAGAGAAGCCTTATGAATGTAGAGAATGTGGGAAAGCT  
 TTCTGCTGTAGCTCACACCTTACTCAACATCAAAGAATTCACAGTATGAAGAAAAATATGAATGCAACA  
 AATGTCTCAAGGTCTTTAGTAGCTTCTCATTCTTGTTC AACATCAGAGTATTACTACTGAAGAAAAACC  
 GTTTGAAGTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC237980 representing NM\_001289182  
Red=Cloning site Green=Tags(s)

MSQVTFSDVAIDFSHEEWACLDSAQRDL YKDV MVQNYENLVSVAGLSVTKPYVIMLLEDGKEPMMMEKLL  
 SKDWESRWENKELSTKKDIYDEDSPQPVTMEKVVKQSYEF SNSNKNLEYTECDTFRSTFHSKSTLSEPQN  
 NSAEGN SHKYDILKKNLSKKSVIKSERINGGKLLNSNKGAAFNQSKSLTLPQTCNREKIYTCSECGKA  
 FGKQSILSRHWRIHTGEKPYECRECGKTF SHGSSLTRHQI SHSGEKPYKCI ECGKAF SHGSSLTNHQSTH  
 TGEKPYECMCGKSF SRVSLLIQHLRIHTQEKR YECR ICGKAF IHSSSLIHHQKSH TGEKPYECRECGKA  
 FCCSSHLTQHQR IHS MKKYECNKCLKV FSSFLVQHQS IHTTEKPF EV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

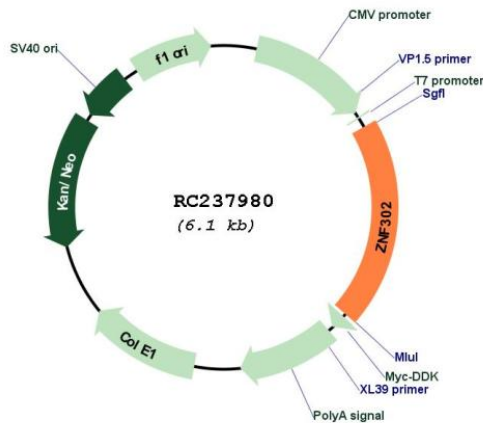
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001289182

<b>ORF Size:</b>	1200 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_001289182.1</a> , <a href="#">NP_001276111.1</a>
<b>RefSeq Size:</b>	2938 bp
<b>RefSeq ORF:</b>	1203 bp
<b>Locus ID:</b>	55900
<b>UniProt ID:</b>	<a href="#">Q9NR11</a>
<b>Cytogenetics:</b>	19q13.11
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	46.5 kDa
<b>Gene Summary:</b>	This gene encodes a member of the zinc-finger protein family. The encoded protein contains seven C2H2-type zinc fingers and a KRAB domain, but its function has yet to be determined. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2014]