

## Product datasheet for **RC238263**

### ZNF302 (NM\_001289181) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNF302 (NM\_001289181) 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:** >RC238263 representing NM\_001289181  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTCTCAGCGTCAGTACCCAGAGTGTTACCTGGCACCAATGGATGCTTAGTAAGTAATTGTGGAGTGGA  
ATAAGATGAGTAATGAAGAACTGGTGGGCAGAAATCATGGCATGGAAGGTGAAGCTTGCACAGGAGGGGA  
TGTGACATTTAGTGATGTGGCTATAGACTTCTCTCATGAAGAGTGGGCATGCCTAGATTCTGCTCAGAGG  
GACTTATACAAGGATGTGATGGTCCAGAATTATGAGAACCCTGGTCTCTGTAGGTCTTTCCGTAACCTAAGC  
CATATGTGATCATGTTATTGGAGGATGGAAAAGAGCCCTGGATGATGGAGAAAAAAGTGTCAAAAAGATTG  
GGAATCAAGATGGGAAAACAAGGAATTATCAACAAAGAAGGATATTTATGATGAAGATTCACCCCAACCA  
GTAACAATGGAAAAGTTGTAACAAGGTTATGAATTTTCAAATTTCAATAAGAATTTGGAATATACAG  
AATGCGACACATTTAGAAGCACCTTTTCATTCAAAGTCTACTCTTCTGAACCACAAAACAATTCTGCTGA  
AGGGAATTCACACAAATATGATATATTAAGAAGAATTTATCAAAAAAGTCAGTTATAAAAAAGTGAGAGA  
ATAAATGGTGGAAAAGAACTTTTAAATTTCAATAAAAAGTGGGCAGCCTTCAACCAGAGCAAAATCTCTTA  
CCCTTCCCAGACTTGTAAATAGAGAGAAAATCTATACATGCAGTGAATGTGGGAAAGCCTTTGGCAAACA  
GTCAATCCTCAGTCGCCACTGGAGAATTCATACAGGAGAGAAGCCCTATGAATGTCGTGAATGTGGGAAG  
ACTTTTAGCCATGGTTTCATCCCTTACACGACATCAGATAAGCCATAGTGAGAGAAAACCTTACAAATGCA  
TTGAATGTGGGAAGGCCTTTAGCCATGGCTCATCACTTACTAACCATCAGAGCACTCACACGGGAGAGAA  
ACCGTATGAATGTATGAACTGTGGAAAGCTTTTTAGTCGTGTGTCCCTTCTCATTGAGCATCTAAGAATT  
CATACGCAAGAAAACGCTATGAGTGTGATATGTGGAAAGGCCTTTCATTGATGTTGCTCTCTCATT  
ACCATCAGAAAAGCCATACTGGAGAGAAGCCTTATGAATGTAGAGAATGTGGGAAAGCTTTCTGCTGTAG  
CTCACACCTTACTCAACATCAAAGAATTCACAGTATGAAGAAAAAATATGAATGCAACAAATGTCTCAAG  
GTCTTTAGTAGCTTCTCATTCTTGTTCACATCAGAGTATTCATACTGAAGAAAACCGTTTGAAGTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**Protein Sequence:** >RC238263 representing NM\_001289181  
 Red=Cloning site Green=Tags(s)

MSQRQYPECYLAPNGCLVSNCGVNKMSNEELVGQNHGMEGEACTGGDVTFSOVAIDFSHEEWACLDSAQR  
 DLYKDMVQNYENLVSVGLSVTKPYVIMLLEDGKEPMMMEKLSKDWSRWENKELSTKKDIYDEDSQPQ  
 VTMEKVVKQSYEFNSNKNLEYTECDTFRSTFFHSKSTLSEPNNSAEGNSHKYDILKKNLSKKSVIKSER  
 INGGKLLNSNKSAAFNQSKSLTLPQTCNREKIYTCSECGKAFGKQSIILSRHWRIHTGEKPYECRECGK  
 TFSHGSSLTRHQISHSGEKPYPKIECGKAFSHGSSLTNHQSTHTGEKPYECMNCGKFSRVSLLIQHLRI  
 HTQEKRYECRICGKAFIHSSSLIHHQKSHTEKPYECRECGKAFCCSSHLTQHQRHSMKKKYECNKCLK  
 VFSSFSFLVQHQSIHTEEKPFV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

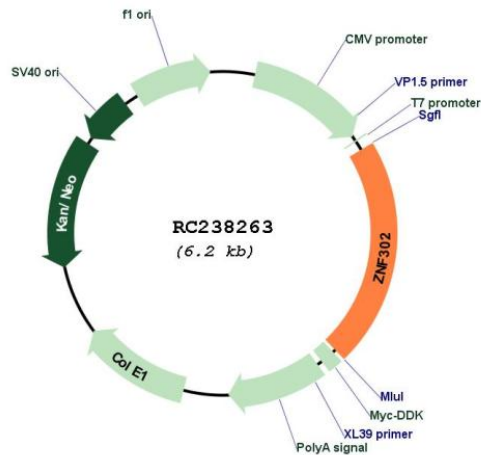
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001289181

<b>ORF Size:</b>	1329 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_001289181.1</a> , <a href="#">NP_001276110.1</a>
<b>RefSeq Size:</b>	2820 bp
<b>RefSeq ORF:</b>	1332 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>	51 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]