OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC237982

ZNF302 (NM_001289185) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF302 (NM_001289185) 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:	>RC237982 representing NM_001289185 Red=Cloning site Blue=ORF Green=Tags(s) TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGTCTCAGGTGACATTTAGTGATGTGGCTATAGACTTCTCTCATGAAGAGTGGGCATGCCTAGATTCTG CTCAGAGGGACTTATACAAGGATGTGATGGTCCAGAATTATGAGAACCTGGTCTCTGTAGCAGGTCTTTC CGTAACTAAGCCATATGTGATCATGTTATTGGAGGATGGAAAAGAGCCCTGGATGATGGAGAAAAAACTG TCAAAAGATTGGGAATCAAGATGGGAAAACAAGGAATTATCAACAAAGAAGGATATTTATGATGAAGATT CACCCCAACCAGTAACAATGGAAAAAGTTGTAAAACAAAGTTATGAATTTTCAAATTCTAATAAGAATTT GGAATATACAGAATGCGACACATTTAGAAGCACCTTTCATTCAAAGTCTACTCTTTCTGAACCACAAAAC AATTCTGCTGAAGGGAATTCACACAAATATGATATATTAAAGAAGAATTTATCAAAAAAGTCAGTTATAA AAAGTGAGAGAATAAATGGTGGAAAGAAACTTTTAAATTCTAATAAAAGTGGGGCAGCCTTCAACCAGAG CAAATCTCTTACCCTTCCCCAGACTTGTAATAGAGAGAAAATCTATACATGCAGTGAATGTGGGAAAGCC TTTGGCAAACAGTCAATCCTCAGTCGCCACTGGAGAATTCATACAGGAGAGAAGCCCTATGAATGTCGTG AATGTGGGAAGACTTTTAGCCATGGTTCATCCCTTACACGACATCAGATAAGCCATAGTGGAGAGAAACC TTACAAATGCATTGAATGTGGGAAGGCCTTTAGCCATGGCTCATCACTTACTAACCATCAGAGCACTCAC ACGGGAGAGAAACCGTATGAATGTATGAACTGTGGAAAGTCTTTTAGTCGTGTGTCCCTTCTCATTCAGC ATCTAAGAATTCATACGCAAGAAAAACGCTATGAGTGTCGTATATGTGGAAAGGCCTTCATTCATAGTTC GTCTCTCATTCACCATCAGAAAAGCCATACTGGAGAGAAGCCTTATGAATGTAGAGAATGTGGGAAAGCT TTCTGCTGTAGCTCACACCTTACTCAACATCAAAGAATTCACAGTATGAAGAAAAAATATGAATGCAACA AATGTCTCAAGGTCTTTAGTAGCTTCTCATTTCTTGTTCAACATCAGAGTATTCATACTGAAGAAAAACC GTTTGAAGTT ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA

View online »

Protein Sequence:

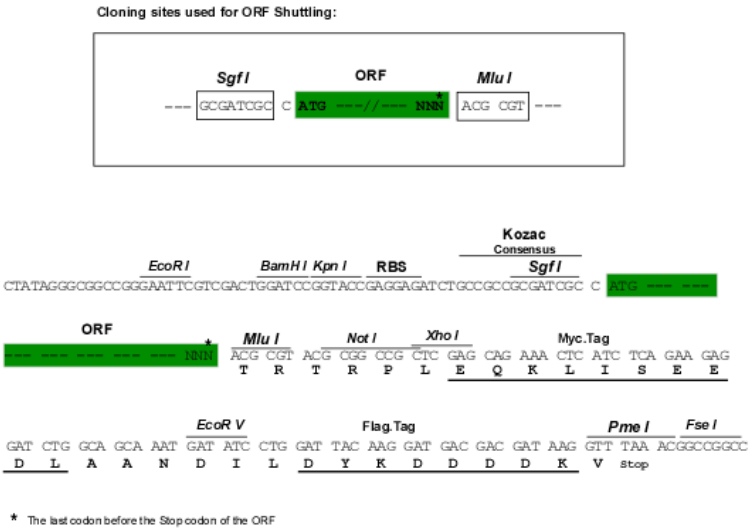
>RC237982 representing NM_001289185
Red=Cloning site Green=Tags(s)

MSQVTFSDVAIDFSHEEWACLDSAQRDLYKDVMVQNYENLVSVAGLSVTKPYVIMLLEDGKEPWMMEKKL
SKDWESRWENKELSTKKDIYDEDSPQPVTMEKVVKQSYEFSNSNKNLEYTECDTFRSTFHSKSTLSEPQN
NSAEGNSHKYDILKKNLSKKSVIKSERINGGKKLLNSNKSGAAFNQSKSLTLPQTCNREKIYTCSECGKA
FGKQSILSRHWRIHTGEKPYECRECGKTFSHGSSLTRHQISHSGEKPYKCIECGKAFSHGSSLTNHQSTH
TGEKPYECMNCGKSFSRVSLLIQHLRIHTQEKRYECRICGKAFIHSSSLIHHQKSHTGEKPYECRECGKA
FCCSSHLTQHQRIHSMKKKYECNKCLKVFSSFSFLVQHQSIHTEEKPFEV

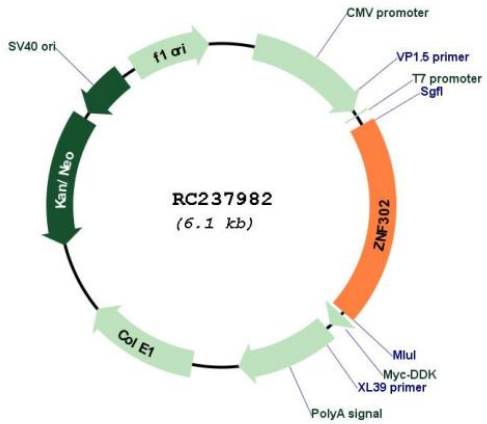
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001289185

ORF Size:	1200 bp
OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	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).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	NM_001289185.1, NP_001276114.1
RefSeq Size:	2668 bp
RefSeq ORF:	1203 bp
Locus ID:	55900
UniProt ID:	Q9NR11
Cytogenetics:	19q13.11
Protein Families:	Transcription Factors
MW:	46.5 kDa
Gene Summary:	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]