

Product datasheet for **RG237967**

ZNF302 (NM_001289183) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF302 (NM_001289183) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF302
Synonyms:	HSD16; MST154; MSTP154; ZNF135L; ZNF140L; ZNF327
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237967 representing NM_001289183. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTCAGGTGACATTTAGTGATGTGGCTATAGACTTCTCTCATGAAGAGTGGGCATGCCTAGATTCT
GCTCAGAGGGACTTATACAAGGATGTGATGGTCCAGAATTATGAGAACCTGGTCTCTGTAGGCTTTCC
GTAACAAGCCATATGTGATCATGTTATTGGAGGATGGAAAAGAGCCCTGGATGATGGAGAAAAAAGT
TCAAAAAGATTGGGAATCAAGATGGGAAAACAAGGAATTATCAACAAGAAGGATATTTATGATGAAGAT
TCACCCCAACCAGTAACAATGGAAAAAGTTGTAACAAGGTTATGAATTTTCAAATTTCTAATAAGAAAT
TTGGAATATACAGAATGCGACACATTTAGAAGCACCTTTTCAATCAAAGTCTACTCTTTCTGAACACAA
AACAAATTCGCTGAAGGGAATTCACACAAATATGATATATTAAGAAGAATTTATCAAAAAAGTCAGTT
ATAAAAAGTGAGAGAATAAATGGTGGAAAAGAACTTTTAAATTTCTAATAAAAGTGGGGCAGCCTTCAAC
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AAAGCCTTTGGCAAACAGTCAATCCCTCAGTCGCCACTGGAGAATTCATACAGGAGAGAAGCCCTATGAA
TGTCGTGAATGTGGGAAGACTTTTAGCCATGGTTCATCCCTTACACGACATCAGATAAGCCATAGTGGA
GAGAAACCTTACAAATGCATTGAATGTGGGAAGGCCTTTAGCCATGGCTCATCACTACTAACCATCAG
AGCACTCACACGGGAGAGAAAACCGTATGAATGTATGAAGTGTGGAAAGTCTTTTAGTCGTGTGTCCCTT
CTCATTACAGTCTAAGAATTCATACGCAAGAAAACGCTATGAGTGTGATATGTGGAAAGGCCTTC
ATTCATAGTTTCGCTCTCATTACCATCAGAAAAGCCATACTGGAGAGAAGCCTTATGAATGTAGAGAA
TGTGGGAAAGCTTTCTGCTGTAGCTCACACCTTACTCAACATCAAAGAATTCACAGTATGAAGAAAAA
TATGAATGCAACAAATGTCTCAAGGCTTTAGTAGCTTCTCATTCTTGTCAACATCAGAGTATTCAT
ACTGAAGAAAACCGTTTGAAGTT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



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Protein Sequence: >Peptide sequence encoded by RG237967
 Blue=ORF Red=Cloning site Green=Tag(s)

MSQVTFSDVAIDFSHEEWACLDSAQRDL YKDV MVQNYENLVSVGLSVTKPVYIMLLEDGKEPMMMEKKL
 SKDWESRWENKELSTKKDIYDEDSPQPVTMEKVVKQSYEF SNSNKNLEYTECDTFRSTFHSKSTLSEPO
 NNSAEGNSHKYDILKKNLSKKSVIKSERINGGKLLNSNKSGAAFNQSKSLTLPQTCNREKIYTCSECG
 KAFGKQSI LSRHWRIHTGEKPYECRECGKTF SHGSSLTRHQI SHSGEKPYKCI ECGKAF SHGSSLTNHQ
 SHTHTEKPYECMNCGKSF SRVSLLIQH LRIHTQE KRYECRICGKAFI HSSSLIHHQK SHTGEKPYECRE
 CGKAFCCSSHLTQHRIHSMKKKYECNKCLKVFSSFSFLVQHQSIIHTEEKPFVEV
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYP SGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001289183

ORF Size: 1197 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).

RefSeq: [NM_001289183.1](#), [NP_001276112.1](#)

RefSeq Size: 2628 bp

RefSeq ORF: 1200 bp
 Locus ID: 55900
 UniProt ID: [Q9NR11](#)

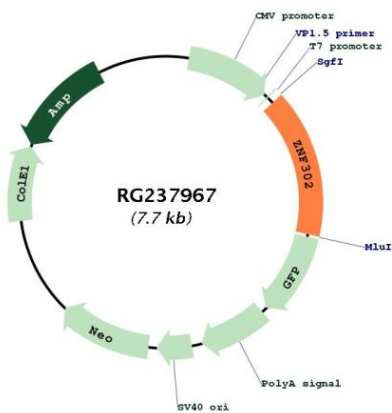
Cytogenetics: 19q13.11

Protein Families: Transcription Factors

MW: 45.9 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]

Product images:



Circular map for RG237967