

Product datasheet for **RG235920**

ZNF302 (NM_001289189) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF302 (NM_001289189) 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: >RG235920 representing NM_001289189.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCTCAGGTGACATTTAGTGATGTGGCTATAGACTTCTCTCATGAAGAGTGGGCATGCCTAGATTCT
GCTCAGAGGGACTTATACAAGGATGTGATGGTCCAGAATTATGAGAACCTGGTCTCTGTAGCAGGTCTT
TCCGTAACAAAGCCATATGTGATCATGTTATTGGAGGATGGAAAAGAGCCCTGGATGATGGAGAAAAA
CTGTCAAAGCTTACCCATTTCTTTATCACACTCTGTTCTGCTCTGTGAACCTTGGATTCTCTGCT
CTATTTGAGCATTGTTTCAAGTCACTGAAATATTTGAGTTGTCAGAACTATGTGTTTTCTGGGTGCTT
CATTCTTATCCAATTCTCTAATTCCACTGTAGAAGCTTTTTTCAAGAAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235920
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MSQVTFSDVAIDFSHEEWACLDSAQRDLYKDVVMQNYENLVSVAGLSVTKPYVIMLLEDGKEPMMMEKK
LSKAYPFPLSHSVPASVNFVGFSALEFHCSEVTEIFELSELVFWLHFLSNPNSTVEAFFKK
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

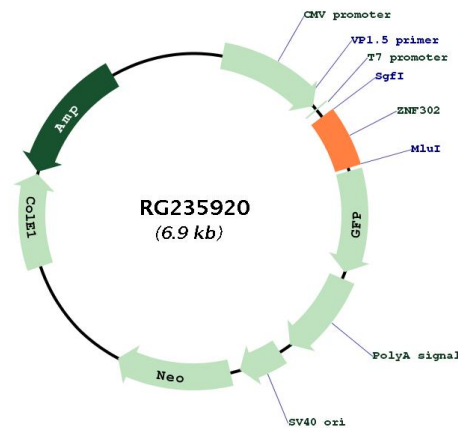
Restriction Sites: Sgfl-MluI



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Cloning Scheme:

Cloning sites used for ORF Shutting:


Plasmid Map:

ACCN: NM_001289189

ORF Size: 396 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:	<u>NM_001289189.2</u>
RefSeq Size:	2951 bp
RefSeq ORF:	399 bp
Locus ID:	55900
UniProt ID:	<u>Q9NR11</u>
Cytogenetics:	19q13.11
Protein Families:	Transcription Factors
MW:	15.5 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]