

Product datasheet for **RG211683**

ZNF235 (NM_004234) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZNF235
Synonyms:	ANF270; HZF6; ZFP93; ZNF270
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG211683 representing NM_004234
Red=Cloning site Blue=ORF Green=Tags(s)

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GCCGCGATCGCC

ATGACCAAGTTCAGGAGGCAGTGACATTCAAGGATGTGGCTGTGGCCTTCACTGAGGAGGAGCTGGGGC
TGCTGGACTCTGCCCAGAGGAAGCTGTACCGAGATGTGATGCTGGAGAACTTTAGGAACCTGGTTTCAGT
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CACCAGAGAGTCCACACTGGAGAGAGGCCTTACATATGTGATGTCTGTTGAAGGGCTTCAGTCAGAGGT
CACATCTCATCTACCATCAGAGAGTCCACACTGGAGGGAATCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG211683 representing NM_004234

Red=Cloning site Green=Tags(s)

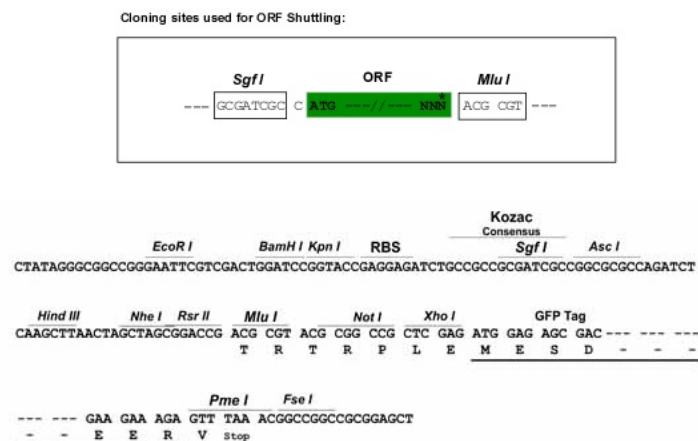
MTKFQEAVTFKDVAVAFTEEEELGLLDSAQRKLYRDVMLENFRNLVSVGHQSFKPDMSQLEREKELWMKE
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TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN:

NM_004234

ORF Size:

2214 bp

OTI Disclaimer:

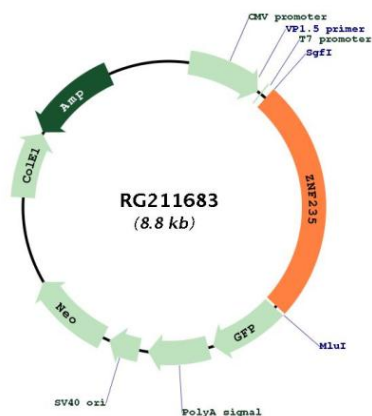
The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_004234.3 , NP_004225.2
RefSeq Size:	3082 bp
RefSeq ORF:	2217 bp
Locus ID:	9310
UniProt ID:	Q14590
Cytogenetics:	19q13.31
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	This gene product belongs to the zinc finger protein superfamily, members of which are regulatory proteins characterized by nucleic acid-binding zinc finger domains. The encoded protein is a member of the Kruppel family of zinc finger proteins, and contains Kruppel-associated box (KRAB) A and B domains and 15 tandemly arrayed C2H2-type zinc fingers. It is an ortholog of the mouse Zfp93 protein. This gene is located in a cluster of zinc finger genes on 19q13.2. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG211683