

Product datasheet for **RG211567**

ZNF239 (NM_001099283) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF239 (NM_001099283) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF239
Synonyms:	HOK-2; MOK2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG211567 representing NM_001099283
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCAGTACAATTACTGGAAGTCAGGATTGTATTGTGAATCATCGAGGGGAAGTGGATGGGGAGCCTG
 AACTAGATATTTCCCTTGTCAACAGTGGGGAGAAGCATCTTCTCTATTTCCAGAAACAGGGACAGTGT
 GATGACTCTTCAAAGTGTTGTTTCGAAAAATTGAAAGTGAACATATTTGCCTTTGAAAGTCTCAAGC
 CAAATAGACACACAAGACTCTTCAGTGAAGTCTGTAAGAATGAGCCTCAGGATCATCAGGAAAGCAGAC
 GTCTCTTTGTAATGGAAGAAAGCACTGAGAGAAAAGTGATAAAGGGGAAAGTTGTTTCAGAGAACCCTTCA
 AGTAAACTGGTGTCTGATGGACAAGAAGTGGCCTCGCCATTGTTAAATGGTGGGCAACTTGCCAGAAT
 GGCCAGTAAAGAATCTTTGGATCCCATTGACTGTAAGTCAAGACATTCATGGATGGAAATCACAGG
 TGGTCAGTTGTAGTCAGCAGAGAGCTCATACAGAGGAGAAACCCTGTGACCATAAAGTGGGAAAAT
 ACTTAACACCAGCCAGATGGTATCCATATGAGAAAATCCACACTGCAGAGAAACAATACGAATGTAGT
 CAGTGTGGTAAGAATTCAGTCAAAGCTCAGAGCTACTACTTCATCAGAGAGACCACACAGAAGAAAAAC
 CCTACAAATGTGAGCAATGTGGGAAGGGCTTCAACAAGGAGCTCGAGTCTGCTTATCCATCAGGCAGTCCA
 CACAGATGAGAAGCCTTATAAGTGTGACAAGTGTGGGAAGGGCTTACCAGGAGCTCAAGTCTGCTCATC
 CATCATGCCGTCCATACAGGCGAAAAACCTTATAAATGTGACAAGTGTGGGAAGGGCTTATGTCAGAGCT
 CCAAATGCACATCCACCAGCGAGTCCACACTGGAGAGAAGCCCTATGAGTGTGAGGAGTGTGGTATGAG
 CTTTCAGTCAGCGCTCAAACCTGCACATCCACCAGCGAGTACACACAGGAGAGAGGCCCTACAAGTGTGGT
 GAGTGTGGGAAGGGCTTTCAGTTCAGAGCTCGAACCTTACATTACCCGGTGCATCCACACAGGAGAGAAGC
 CTTACCAATGCTATGAGTGTGGGAAGGGTTTCAGCCAGAGCTCGGATCTTCGCATCCATCTCAGAGTCCA
 CACTGGAGAGAAGCCCTATCACTGTGGCAAGTGTGGGAAGGGATTAGCCAGAGTTCCAAATCCTCATC
 CACCAGAGAGTACATACTGGAGAGAAGCCCTATGAGTGCAGCAAGTGTGGGAAGGGCTTTCAGCCAGAGCT
 CCAACCTTACATCCACCAGCGGTTTCAAGAAGATCCTCGC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG211567 representing NM_001099283
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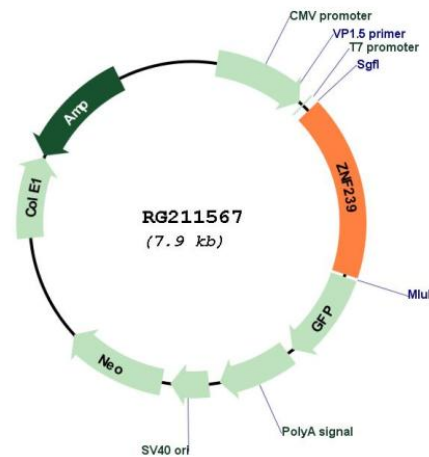
MASTITGSQDCIVNHRGEVDGPELIDISPCQQWGEASSPISRNRDSVMTLQSGCFENIESETYLPLKVSS
 QIDTQDSSVKFCKNEPQDHQESRRLFVMEESTERKVIKGESCSENLQVKLVSDGQELASPLLNGEATCQN
 GQLKESLDPIDCNCKDIHWKSQVVSCSQQRAHTEEKPCDHNNCGKILNTSPDGHPYEKIHTAEKQYEC
 QCGKNFSQSSELLLHQRDHTEEKPYKCEQCGKGFTRSSLLIHQAVHTDEKPYKCDKCGKGFTRSSLLI
 HHAVHTGEKPYKCDKCGKGFSSSKLHIHQRVHTGEKPYECECGMSFSQRSNLHIHQRVHTGERPYKCG
 ECGKGFSSSNLHIHRCIHTGEKPYQCYECGKGFSSSDLRIHLRVHTGEKPYHCCKGKGFSSSKLLI
 HQRVHTGEKPYECSKCGKGFSSSNLHIHQRVHKKDPR

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_001099283

ORF Size: 1374 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:	<ol style="list-style-type: none">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:	<u>NM_001099283.1</u> , <u>NP_001092753.1</u>
RefSeq Size:	1924 bp
RefSeq ORF:	1377 bp
Locus ID:	8187
UniProt ID:	<u>Q16600</u>
Cytogenetics:	10q11.21
Protein Families:	Transcription Factors
Gene Summary:	MOK2 proteins are DNA- and RNA-binding proteins that are mainly associated with nuclear RNP components, including the nucleoli and extranucleolar structures (Arranz et al., 1997 [PubMed 9121460]).[supplied by OMIM, Mar 2008]