

## Product datasheet for **RG206852**

### ZNF239 (NM\_005674) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF239 (NM_005674) 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:

>RG206852 representing NM\_005674  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCCAGTACAATTACTGGAAGTCAGGATTGTATTGTGAATCATCGAGGGGAAGTGGATGGGGAGCCTG  
AACTAGATATTTCCCTTGTCAACAGTGGGAGAGCATCTTCTCTATTTCCAGAAACAGGGACAGTGT  
GATGACTCTTCAAAGTGGTTGTTTCGAAAAATTGAAAGTGAACATATTTGCCTTTGAAAGTCTCAAGC  
CAAATAGACACACAAGACTCTTCAGTGAAGTCTGTAAGAATGAGCCTCAGGATCATCAGGAAAGCAGAC  
GTCTCTTTGTAATGGAAGAAAGCACTGAGAGAAAAGTGATAAAGGGGAAAGTTGTTTCAGAGAACCTTCA  
AGTAAACTGGTGTCTGATGGACAAGAAGTGGCCTCGCCATTGTTAAATGGTGGGCAACTTGCCAGAAT  
GGCCAGTAAAAGAATCTTTGGATCCCATTGACTGTAAGTCAAAGACATTCATGGATGGAATCACAGG  
TGGTCAGTTGTAGTCAGCAGAGAGCTCATACAGAGGAGAAACCTGTGACCATAAATAACTGTGGGAAAAT  
ACTTAACACCAGCCAGATGGTCAATATGAGAAAATCCACACTGCAGAGAAACAATACGAATGTAGT  
CAGTGTGGTAAGAATTCAGTCAAAGCTCAGAGCTACTTTCATCAGAGAGACCACACAGAAGAAAAAC  
CCTACAAATGTGAGCAATGTGGGAAGGGCTTCAACAAGGAGCTCGAGTCTGCTTATCCATCAGGCAGTCCA  
CACAGATGAGAAGCCTTATAAGTGTGACAAGTGTGGGAAGGGCTTACCAGGAGCTCAAGTCTGCTCATC  
CATCATGCCGTCCATACAGGCGAAAAACCTTATAAATGTGACAAGTGTGGGAAGGGCTTTCAGTGTGAGGAGTGGTATGAG  
CCTCAACTGCACATCCACCAGCGAGTCCACACTGGAGAGAAAGCCCTATGAGTGTGAGGAGTGGTATGAG  
GAGTGTGGGAAGGGCTTTCAGTGTGAGGAGTCCAGCCTTACATTACCGGTGCATCCACACAGGAGAGAAAGC  
CTTACCAATGCTATGAGTGTGGGAAGGGTTTCAGCCAGAGCTCGGATCTTCGCATCCATCTCAGAGTCCA  
CACTGGAGAGAAAGCCCTATCACTGTGGCAAGTGTGGGAAGGGATTAGCCAGAGTTCCTCAACTCCTCATC  
CACCAGAGAGTACATACTGGAGAGAAAGCCCTATGAGTGCAGCAAGTGTGGGAAGGGCTTTCAGCCAGAGCT  
CCAACCTTACATCCACCAGCGGTTTCAAGAAGATCCTCGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

## Protein Sequence:

>RG206852 representing NM\_005674  
Red=Cloning site Green=Tags(s)

MASTITGSQDCIVNHRGEVDGPELIDISPCQQWGEASSPISRNRDSVMTLQSGCFENIESETYLPLKVSS  
QIDTQDSSVKFCKNEPQDHQESRRLFVMEESTERKVIKGESCSENLQVKLVSDGQELASPLLNGEATCQN  
GQLKESLDPIDCNCKDIHWKSQVVSCSQQRAHTEEKPCDHNNCGKILNTSPDGHPYEKIHTAEKQYEC  
QCGKNFSQSSELLLHQRDHTEEKPYKCEQCGKGFTRSSLLIHQAVHTDEKPYKCDKCGKGFTRSSLLI  
HHAVHTGEKPYKCDKCGKGFSSSKLHIHQRVHTGEKPYECECGMSFSQRSNLHIHQRVHTGERPYKCG  
ECGKGFSSSNLHIHRCIHTGEKPYQCYECGKGFSSSDLRIHLRVHTGEKPYHCCKGKGFSSSKLLI  
HQRVHTGEKPYECSKCGKGFSSSNLHIHQRVHKKDPR

TRTRPLE - GFP Tag - V

## Restriction Sites:

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_005674

**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:**

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\\_005674.2](#)

**RefSeq Size:** 2386 bp

**RefSeq ORF:** 1377 bp

**Locus ID:** 8187

**UniProt ID:** [Q16600](#)

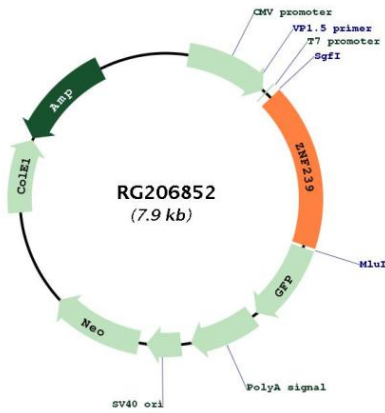
**Cytogenetics:** 10q11.21

**Domains:** zf-C2H2

**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]

**Product images:**



Circular map for RG206852