

## Product datasheet for **RG216788**

### ZNF239 (NM\_001099284) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF239 (NM_001099284) 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)



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**ORF Nucleotide Sequence:**

>RG216788 representing NM\_001099284  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCAGTACAATTACTGGAAGTCAGGATTGTATTGTGAATCATCGAGGGGAAGTGGATGGGGAGCCTG  
 AACTAGATATTTCCCTTGTCAACAGTGGGAGAAAGCATCTTCTCTATTTCCAGAAACAGGACAGTGT  
 GATGACTCTTCAAAGTGGTTGTTTCGAAAAATTGAAAGTGAACATATTTGCCTTTGAAAGTCTCAAGC  
 CAAATAGACACACAAGACTCTTCAGTGAAGTCTGTAAGAATGAGCCTCAGGATCATCAGGAAAGCAGAC  
 GTCTCTTTGTAATGGAAGAAAGCACTGAGAGAAAAGTGATAAAGGGGAAAGTTGTTTCAGAGAACCCTCA  
 AGTAAACTGGTGTCTGATGGACAAGAAGTGGCCTCGCCATTGTTAAATGGTGGGCAACTTGCCAGAAT  
 GGCCAGTAAAGAATCTTTGGATCCCATTGACTGTAAGTCAAGACATTCATGGATGGAAATCACAGG  
 TGGTCAGTTGTAGTCAGCAGAGAGCTCATACAGAGGAGAAACCCTGTGACCATAAATAACTGTGGGAAAT  
 ACTTAACACCAGCCAGATGGTCAATCATATGAGAAAATCCACACTGCAGAGAAACAATACGAATGTAGT  
 CAGTGTGGTAAGAATTCAGTCAAAGCTCAGAGCTACTACTTCATCAGAGAGACCACACAGAAGAAAAAC  
 CCTACAAATGTGAGCAATGTGGGAAGGGCTTCAACAAGGAGCTCGAGTCTGCTTATCCATCAGGCAGTCCA  
 CACAGATGAGAAGCCTTATAAGTGTGACAAGTGTGGGAAGGGCTTACCAGGAGCTCAAGTCTGCTCATC  
 CATCATGCCGTCCATACAGGCGAAAAACCTTATAAATGTGACAAGTGTGGGAAGGGCTTATGTCAGAGCT  
 CCAAATGCACATCCACCAGCGAGTCCACACTGGAGAGAAAGCCCTATGAGTGTGAGGAGTGTGGTATGAG  
 CTTAGTGTGGGAAGGGCTTCAAGTGTGAGGAGTGTGGTATGAG  
 GAGTGTGGGAAGGGCTTCAAGTGTGAGGAGTGTGGTATGAG  
 CTTACCAATGCTATGAGTGTGGGAAGGGTTTCAGCCAGAGCTCGGATCTTCGCATCCATCTCAGAGTCCA  
 CACTGGAGAGAAAGCCCTATCACTGTGGCAAGTGTGGGAAGGGATTTAGCCAGAGTTCCAAATCCTCATC  
 CACCAGAGAGTACATACTGGAGAGAAGCCCTATGAGTGCAGCAAGTGTGGGAAGGGCTTACGCCAGAGCT  
 CCAACCTTACATCCACCAGCGGTTCAACAAGAAAGATCCTCGC

**ACGCGT**ACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>RG216788 representing NM\_001099284  
 Red=Cloning site Green=Tags(s)

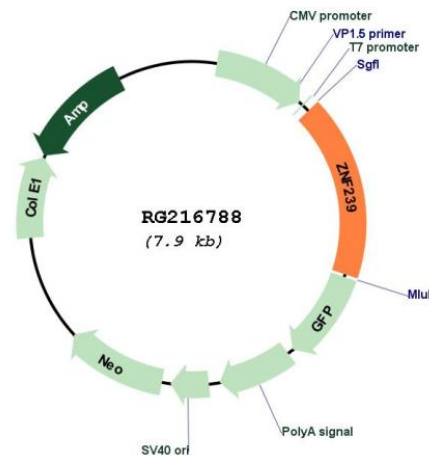
MASTITGSQDCIVNHRGEVDGPELIDISPCQQWGEASSPISRNRDSVMTLQSGCFENIESETYLPLKVSS  
 QIDTQDSSVKFCKNEPQDHQESRRLFVMEESTERKVIKGESCSENLQVKLVSDGQELASPLLNGEATCQN  
 GQLKESLDPIDCNCKDIHWKSQVVSCSQQRAHTEEKPCDHNNCGKILNTSPDGHPYEKIHTAEKQYEC  
 QCGKNFSQSSELLLHQRDHTEEKPYKCEQCGKGFTRSSLLIHQAVHTDEKPYKCDKCGKGFTRSSLLI  
 HHAVHTGEKPYKCDKCGKGFSSSKLHIHQRVHTGEKPYECECGMSFSQRSNLHIHQRVHTGERPYKCG  
 ECGKGFSSSNLHIHRCIHTGEKPYQCYECGKGFSSSDLRIHLRVHTGEKPYHCCKGKGFSSSKLLI  
 HQRVHTGEKPYECSKCGKGFSSSNLHIHQRVHKKDPR

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_001099284

**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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001099284.1</a></u> , <u><a href="#">NP_001092754.1</a></u>
<b>RefSeq Size:</b>	2047 bp
<b>RefSeq ORF:</b>	1377 bp
<b>Locus ID:</b>	8187
<b>UniProt ID:</b>	<u><a href="#">Q16600</a></u>
<b>Cytogenetics:</b>	10q11.21
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	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]