

## Product datasheet for **SC116588**

### ZNF239 (NM\_005674) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF239 (NM_005674) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF239
Synonyms:	HOK-2; MOK2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_005674, the custom clone sequence may differ by one or more nucleotides

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ATGGCCAGTACAATTACTGGAAGTCAGGATTGTATTGTGAATCATCGAGGGGAAGTGGATGGGGAGCCTG
AACTAGATATTTCCCTTGTCAACAGTGGGGAGAAGCATCTTCTCCTATTTCCAGAAACAGGGACAGTGT
GATGACTCTTCAAAGTGGTTGTTTCGAAAAATTGAAAGTGAACATATTTGCCTTTGAAAGTCTCAAGC
CAAATAGACACACAAGACTCTTCAGTGAAGTCTGTAAGAATGAGCCTCAGGATCATCAGGAAAGCAGAC
GTCTCTTTGTAATGGAAGAAAGCACTGAGAGAAAAGTGATAAAGGGGGAAAGTTGTTTCAGAGAACCTTCA
AGTTAAACTGGTGTCTGATGGACAAGAAGTGGCCTCGCCATTGTTAAATGGTGGGCAACTTGCCAGAAT
GGCCAGTTAAAAGAATCTTTGGATCCCATTGACTGTAAGTCAAAGACATTCATGGATGGAAATCACAGG
TGGTCAGTTGTAGTCAGCAGAGAGCTCATACAGAGGAGAAACCTGTGACCATAAATAACTGTGGGAAAAT
ACTTAACACCAGCCAGATGGTCATCCATATGAGAAAAATCCACACTGCAGAGAAAACAATACGAATGTAGT
CAGTGTGGTAAGAAGTTCAGTCAAAGCTCAGAGCTACTACTTCATCAGAGAGACCACACAGAAGAAAAAC
CCTACAAATGTGAGCAATGTGGGAAGGGCTTACAAGGAGCTCGAGTCTGCTTATCCATCAGGCAGTCCA
CACAGATGAGAAGCCTTATAAGTGTGACAAGTGTGGGAAGGGCTTACCAGGAGCTCAAGTCTGCTCATC
CATCATGCCGTCACATACAGGCGAAAAACCTTATAAATGTGACAAGTGTGGGAAGGGCTTTAGTCAGAGCT
CCAAACTGCACATCCACCAGCGAGTCCACACTGGAGAGAAGCCCTATGAGTGTGAGGAGTGTGGTATGAG
CTTCAGTCAGCGCTCAAACCTGCACATCCACCAGCGAGTACACACAGGAGAGAGGCCCTACAAGTGTGGT
GAGTGTGGGAAGGGCTTCAGTCAGAGCTCGAACCTTACATTACCGGTGCATCCACACAGGAGAGAAGC
CTTACCAATGCTATGAGTGTGGGAAGGGTTTCAGCCAGAGCTCGGATCTTCGCATCCATCTCAGAGTCCA
CACTGGAGAGAAGCCCTATCACTGTGGCAAGTGTGGGAAGGGATTTAGCCAGAGTTCAAACTCCTCATC
CACCAGAGGTACATACTGGAGAGAAGCCCTATGAGTGCAGCAAGTGTGGGAAGGGCTTCAGCCAGAGCT
CCAACCTTCACATCCACCAGCGGTTTACAAGAAAGATCCTCGCTAA
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_005674 unedited</p> <pre>GTCACCATTTGTATACGACTCCTATAGGCGGCCGCGAAATTCGCACGAGGCCTCGTGCCG AATTCGGCAGCAGGCAGGCGTGGGGTCCACGTGGGAGGTGAGACTGGCCGGGCTTCCCC AGCCGCTGGCAGAGGCCTCAGGGGTGAGGAAATGGGTGTGCCGCGGAACCAAGTTACAT TCAAGGATGCCTCTGTGGCCTTACCAGGAGGAGTGAGGTACCTGGACTCTGCTCCCA GGAAGCTGTGCGGAGCTGTGATGCTGGGCAACTACAGAACTTGGTCTTGAGACTTGAA TGAAATTTCTGTGGAGAATCTTCAGCAGAAAACACTTCAGGATCTGTTACATGAGCTTTC CTCCTGGCTAGTTTTGGAAGGCATGGCCAGTACAATTACTGGAAGTCAGGATTGTATTGT GAATCATCGAGGGGAAGTGGATGGGAGCCTGAACTAGATATTTCCCTTGTCAACAGTG GGGAGAAGCATCTTCTCTATTTCCAGAAAACAGGGACAGTGATGACTCTTCAAAGTGG TTGTTTCGAAAACATTGAAAGTGAACATATTTGCCTTTGAAAGTCTCAAGCCAAATAGA CACACAAGACTCTTCAGTGAAGTCTGTAAAGATGAGCCTCAGGATCATCAGGAAAGCAG ACGTCTCTTTGTAATGGAAGAAAGCACTGAGAGAAAAGTATAAAGGGGAAAGTTGTTT AGAGAACCTTNCAGTTAACTGGTGTCTGATGGACAAGAACTGGCCTCGCCATTGTTAAA TGGTGAGGGCACTTGCCAGAATGGCCAGTTAANAGAATCTTTGGATCCCATTGACTNNGT ACTGCAAGACATTCATGGATGGNAAATCACAGTGGTCAGTTGTAGTCAGCAGAGAGCTCA TACANAGGAGAAAACCC</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_005674 unedited</p> <pre>CCGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTGAAGAGAAAACAGAGTTTCAATTTATTCAGAAAATGTGAACAAAGGGAAACA TGCCCTGCTTGAGAATAAATAAAAGTTCTTGCCGTTAAAATGCTGGGTAGAACATGTAG TTGAATTGTAAAGTACAGACACTTTTACTCTCCCATCTGAGAAAACAAAAGACAATCCA TTTCTGTACAGATAACAAAAGTCTGGATACTTTAAATATTTTGAATGAGTGATTTTT CAGTGAGGGGACATATCTTAAATAACCCCTTACATCTCTCTCTTTTGAGAAAATATAAA GTANGAGTGGATCCTAAATTTTTAACAGTTTTTACAGGATTGAGCGCCTGGGAAAACCTG AATGGGCTANTGTTCAGTANCGGAGGATCTTTTCTGTGAACCCCTGGTGGAAATGTAAA GTTGGGAACTTTGCTGAAGCCTTTCCCAACTTGCTGGACTAATAGGCCTTTTTCAATAT GTACTTTCTGGTGGATGAGGAATTTGAACTTGGGCTAATCCCTCCCACCTTTGCCCAT GATAAGGGCTCTCTCAGGGGACTTTGAATGGATGGCAAAATCAAGCTTTGCTTAAACC CTTCCCCTTAATGAATTGAAAAGGTTCCCTCCCTGGGGGACCCCGGGAATGGGTAAG TTTAAGCTTTTACTTAACCCCTTCCACCTTCCCACTTGAGGGCTTTTTCTTGGGGCCC TCCTGGGGGAGCCCGTTTAAACCCCTTGAACCTTACCCCTCCCAACCTTAAGGGTT TTTTCCGGGGGCCCCGGGGATGGCAATGGAACCTTTCTAAACCCCTTCCACTTGGCAC ATTTAAGGTTTCCCGTGGGGGGGTTGGAAGGCACCTTAGCCCTGGGAACCTCCCATT GCACACTTAAGGCTTCTATTGGGGCCGCCGAGGAAAACCAAAACCCCTTGGAACTTCCA CTGTCATTT</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_005674
<b>Insert Size:</b>	2150 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<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).

**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\\_005674.1](#), [NP\\_005665.1](#)

**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]

Transcript Variant: This variant (1) represents the longest transcript. Variants 1-9 all encode the same isoform (a).