

Product datasheet for **RC215971**

ZNF239 (NM_001099282) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF239 (NM_001099282) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF239
Synonyms:	HOK-2; MOK2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC215971 representing NM_001099282
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCAGTACAATTACTGGAAGTCAGGATTGTATTGTGAATCATCGAGGGGAAGTGGATGGGGAGCCTG
 AACTAGATATTTCCCTTGTCAACAGTGGGAGAGCATCTTCTCTATTTCCAGAAACAGGGACAGTGT
 GATGACTCTTCAAAGTGGTTGTTTCGAAAAATTGAAAGTGAACATATTTGCCTTTGAAAGTCTCAAGC
 CAAATAGACACACAAGACTCTTCAGTGAAGTCTGTAAGAATGAGCCTCAGGATCATCAGGAAAGCAGAC
 GTCTCTTTGTAATGGAAGAAAGCACTGAGAGAAAAGTGATAAAGGGGAAAGTTGTTTCAGAGAACCTTCA
 AGTAAACTGGTGTCTGATGGACAAGAAGTGGCCTCGCCATTGTTAAATGGTGGGCAACTTGCCAGAAT
 GGCCAGTAAAGAATCTTTGGATCCCATTGACTGTAAGTCAAGACATTCATGGATGGAAATCACAGG
 TGGTCAGTTGTAGTCAGCAGAGAGCTCATACAGAGGAGAAACCCTGTGACCATAAAGTGGGAAAAT
 ACTTAACACCAGCCAGATGGTCAATCATATGAGAAAATCCACACTGCAGAGAAAACAATACGAATGTAGT
 CAGTGTGGTAAGAATTCAGTCAAAGCTCAGAGCTACTACTTCATCAGAGAGACCACACAGAAGAAAAAC
 CCTACAAATGTGAGCAATGTGGGAAGGGCTTCAACAAGGAGCTCGAGTCTGCTTATCCATCAGGCAGTCCA
 CACAGATGAGAAGCCTTATAAGTGTGACAAGTGTGGGAAGGGCTTACCAGGAGCTCAAGTCTGCTCATC
 CATCATGCCGTCCATACAGGCGAAAAACCTTATAAATGTGACAAGTGTGGGAAGGGCTTATGTCAGAGCT
 CCAAATGCACATCCACCAGCGAGTCCACACTGGAGAGAAGCCCTATGAGTGTGAGGAGTGGTATGAG
 CTTAGTGTGGGAAGGGCTTCAAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAG
 GAGTGTGGGAAGGGCTTCAAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAGTGTGAG
 CTTACCAATGCTATGAGTGTGGGAAGGGTTTCAGCCAGAGCTCGGATCTTCGCATCCATCAGAGTCCA
 CACTGGAGAGAAGCCCTATCACTGTGGCAAGTGTGGGAAGGGATTTAGCCAGAGTTCCAAACCTCCTCATC
 CACCAGAGAGTACATACTGGAGAGAAGCCCTATGAGTGCAGCAAGTGTGGGAAGGGCTTACGCCAGAGCT
 CCAACCTTACATCCACCAGCGGTTCAACAAGAAAGATCCTCGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC215971 representing NM_001099282
 Red=Cloning site Green=Tags(s)

MASTITGSQDCIVNHRGEVDGPELDISPCQWGEASSPISRNRDSVMTLQSGCFENIESETYLPLKVSS
 QIDTQDSSVKFCKNEPQDHQESRRLFVMEESTERKVIKGESCSENLQVKLVSDGQELASPLLNGEATCQN
 GQLKESLDPIDCNCKDIHWKSSQVVSQSRRAHTEEKPCDHNNCGKILNTSPDGHPEYKIHAEKQYEC
 QCGKNSQSSELLLHQRDHTTEKPYKCEQCGKGFTRSSLLIHQAVHTDEKPYKCDKCGKGFTRSSLLI
 HHAVHTGEKPYKCDKCGKGFSSSKLHIHQRVHTGEKPYECECGMSFSQRSNLHIHQRVHTGERPYKCG
 ECGKGFSSSNLHIHRCIHTGEKPYQCYECGKGFSSSDLRIHLRVHTGEKPYHCCKGKGFSSSKLLI
 HQRVHTGEKPYECSKCGKGFSSSNLHIHQRVHKKDPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001099282

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_001099282.2](#)

RefSeq Size: 2087 bp

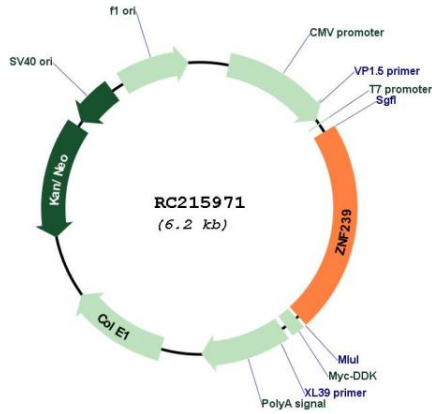
RefSeq ORF: 1377 bp

Locus ID: 8187

UniProt ID: [Q16600](#)

Cytogenetics: 10q11.21
Protein Families: Transcription Factors
MW: 51.4 kDa
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 RC215971