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Product datasheet for RC206852

ZNF239 (NM_005674) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF239 (NM_005674) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF239
Synonyms:	HOK-2; MOK2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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ORF Nucleotide Sequence:

>RC206852 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCAGTACAATTACTGGAAGTCAGGATTGTATTGTGAATCATCGAGGGGAAGTGGATGGGGAGCCTG
AACTAGATATTTCCCCTTGTCAACAGTGGGGAGAAGCATCTTCTCCTATTTCCAGAAACAGGGACAGTGT
GATGACTCTTCAAAGTGGTTGTTTCGAAAACATTGAAAGTGAAACATATTTGCCTTTGAAAGTCTCAAGC
CAAATAGACACACAAGACTCTTCAGTGAAGTTCTGTAAGAATGAGCCTCAGGATCATCAGGAAAGCAGAC
GTCTCTTTGTAATGGAAGAAAGCACTGAGAGAAAAGTGATAAAGGGGGAAAGTTGTTCAGAGAACCTTCA
AGTTAAACTGGTGTCTGATGGACAAGAACTGGCCTCGCCATTGTTAAATGGTGAGGCAACTTGCCAGAAT
GGCCAGTTAAAAGAATCTTTGGATCCCATTGACTGTAACTGCAAAGACATTCATGGATGGAAATCACAGG
TGGTCAGTTGTAGTCAGCAGAGAGCTCATACAGAGGAGAAACCCTGTGACCATAATAACTGTGGGAAAAT
ACTTAACACCAGCCCAGATGGTCATCCATATGAGAAAATCCACACTGCAGAGAAACAATACGAATGTAGT
CAGTGTGGTAAGAACTTCAGTCAAAGCTCAGAGCTACTACTTCATCAGAGAGACCACACAGAAGAAAAAC
CCTACAAATGTGAGCAATGTGGGAAGGGCTTCACAAGGAGCTCGAGTCTGCTTATCCATCAGGCAGTCCA
CACAGATGAGAAGCCTTATAAGTGTGACAAGTGTGGGAAGGGCTTCACCAGGAGCTCAAGTCTGCTCATC
CATCATGCCGTCCATACAGGCGAAAAACCTTATAAATGTGACAAGTGTGGGAAGGGCTTTAGTCAGAGCT
CCAAACTGCACATCCACCAGCGAGTCCACACTGGAGAGAAGCCCTATGAGTGTGAGGAGTGTGGTATGAG
CTTCAGTCAGCGCTCAAACCTGCACATCCACCAGCGAGTACACACAGGAGAGAGGCCCTACAAGTGTGGT
GAGTGTGGGAAGGGCTTCAGTCAGAGCTCGAACCTTCACATTCACCGGTGCATCCACACAGGAGAGAAGC
CTTACCAATGCTATGAGTGTGGGAAGGGTTTCAGCCAGAGCTCGGATCTTCGCATCCATCTCAGAGTCCA
CACTGGAGAGAAGCCCTATCACTGTGGCAAGTGTGGGAAGGGATTTAGCCAGAGTTCCAAACTCCTCATC
CACCAGAGAGTACATACTGGAGAGAAGCCCTATGAGTGCAGCAAGTGTGGGAAGGGCTTCAGCCAGAGCT
CCAACCTTCACATCCACCAGCGGGTTCACAAGAAAGATCCTCGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206852 protein sequence
Red=Cloning site Green=Tags(s)

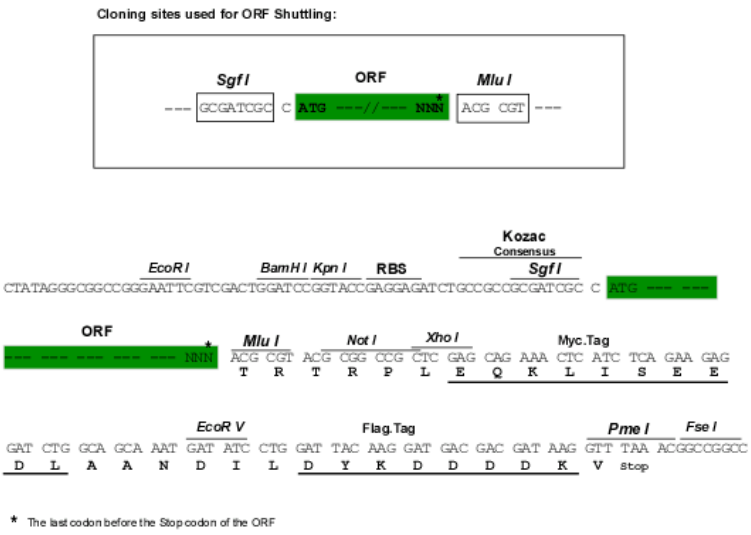
MASTITGSQDCIVNHRGEVDGEPELDISPCQQWGEASSPISRNRDSVMTLQSGCFENIESETYLPLKVSS
QIDTQDSSVKFCKNEPQDHQESRRLFVMEESTERKVIKGESCSENLQVKLVSDGQELASPLLNGEATCQN
GQLKESLDPIDCNCKDIHGWKSQVVSCSQQRAHTEEKPCDHNNCGKILNTSPDGHPYEKIHTAEKQYECS
QCGKNFSQSSELLLHQRDHTEEKPYKCEQCGKGFTRSSSLLIHQAVHTDEKPYKCDKCGKGFTRSSSLLI
HHAVHTGEKPYKCDKCGKGFSQSSKLHIHQRVHTGEKPYECEECGMSFSQRSNLHIHQRVHTGERPYKCG
ECGKGFSQSSNLHIHRCIHTGEKPYQCYECGKGFSQSSDLRIHLRVHTGEKPYHCGKCGKGFSQSSKLLI
HQRVHTGEKPYECSKCGKGFSQSSNLHIHQRVHKKDPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

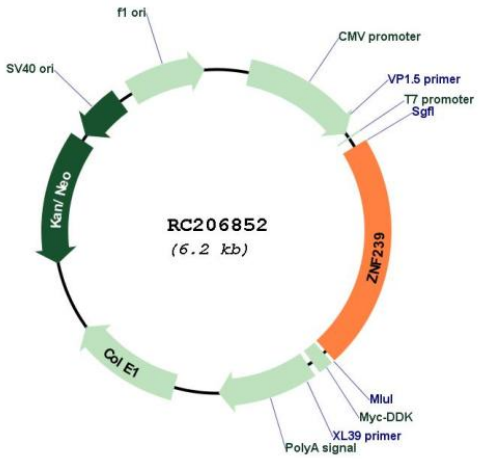
Chromatograms: https://cdn.origene.com/chromatograms/mk6426_f09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



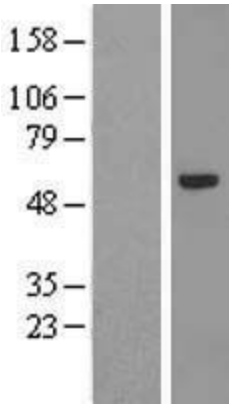
Plasmid Map:



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.
RefSeq:	NM_005674.2
RefSeq Size:	2406 bp

RefSeq ORF:	1377 bp
Locus ID:	8187
Domains:	zf-C2H2
Protein Families:	Transcription Factors
MW:	51.6 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:



Western blot validation of overexpression lysate (Cat# [LY417143]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC206852 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).