

Product datasheet for **RC239060**

ZNF169 (NM_003448) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF169 (NM_003448) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF169
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC239060 representing NM_003448
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCACCAGGACTCCTGACAACCAGGAAGGAGGCATTGATGGCCTTCCGGGATGTGGCTGTGCCCTTCA
 CCCAGAAGGAGTGAAGCTATTGAGTTCCTGCTCAGAGGACCCTGTACAGGGAGGTGATGCTGGAGA
 CAGCCATCTGGTCTCCCTGGGAATTGCATTTTCCAAACAAAACACTCATCGAACAGCTGGAGCAAGGCGAC
 GAACCTTGGAGAGAGGAGAACGAACATCTTCTGGACCTTTGTCCAGCAGAGCCTAGAACAGAATTCCAGC
 CAAGTTTTCCCCACCTGGTGGCCTTTTCTAGCTCGCAGCTCCTCAGACAAATATGCGCTAAGTGGCCATCC
 CACACAGATCTTCCCAAGCTCATCTGCAGGAGGTGACTTCCAAC TAGAAGCTCCAAGATGCTCTAGTGAA
 AAAGGAGAAAGTGGAGAGACAGAAGGCCCGACAGCTCATTAAAGAAAGAGGCCAAGCAGAATTTCTAGGA
 CATTCTCAGCCACATCAAGGTGACCCAGTGAATGGGTAGAAGGGAACAGAGAAGGAGGAACAGACCT
 TCGCCTGGCCAAAGGATGAGTCTTGGGGGTGAGACACAATGTTGAAGGGAGCAGACACTTCAGAACT
 GGAGCAGTCATACGTGGAACATAGACTGGGACTTAGCAAAAAGTCAAGCCTGTTCCAGCCACCAGAAGC
 ATCATGTGTGCCCTGAATGCGGGAGAGGCTTTTGGCAGAGATCAGACCTTATCAAGCACCAGAGGACACA
 CACCGGGGAGAAGCCATACCTGTGTCTGAGTGTGGGCGTCGGTTTAGCCAGAAGGCCTCCCTCTCCATA
 CACCAGAGGAAGCACTCGGGGAGAAGCCGATGTGTGCAGGGAATGTGGGCGCACTTCAGGTATACAT
 CCTCTCTACTAATCACAAAGAGGATTCACTCCGGGAGAGGCCCTTTGTATGTCAGGAGTGTGGGCGAGG
 CTTTCGCCAGAAGATAGCCCTCCTTCTACACCAGAGGACGCACTTGGAGGAGAAGCCCTTCGTGTGTCT
 GAGTGTGGGAGAGGCTTTTGGCAGAAGGCATCACTCCTCAGCACCAGAGCTCACACACAGGGGAGAGGC
 CCTTCTGTGCCCTTGTGAGTGTGGGCGTAGCTTCAAGCAGCAGTCACTCCTTATGTCAGGTCACACA
 CTCAGGAGAGAAGCCTTATGTCTGTGCTGAGTGTGGGCGACAGCTTTCGCCAAAAGGTCACTCTCATCAGG
 CACCAGAGGACACACACAGGGGAGAAGCCTTACCTGTGCCCCAGTGTGGGCGGGTTTTAGCCAGAAGG
 TCACCCTCATTGGACACCAGAGGACACACACAGGGGAGAAGCCCTACCTGTGCCCTGATTGTGGGCGTGG
 CTTTGGTCAGAAGGTCACCCTCATCAGACACCAGAGGACACACACAGGGGAGAAGCCTTATCTGTCCCC
 AAGTGTGGGCGTGCATTTGGCTTTAAGTCGCTCCTCACCCGACACCAGAGGACACACTCAGAGGAGGAGC
 TTTACGTAGACAGGGTGTGTGGACAAGGACTTGGCCAGAAGTACACCTTATCTCTGACCAAAGGACACA
 CTCAGGAGAGAAGCCCTGCATTTGCGATGAATGTGGGCGGGCTTTGGCTTTAAGTCTGCCCTCATCCGA
 CATCAGCGGACCCATTCTGGGAGAAGCCGATGTCTGCAGGAGTGTGGGCGTGGCTTTAGCCAGAAGT
 CTCACCTGCATAGACACAGGAGGACCAAGTCTGGTCATCAGCTCCTACCCCAAGAGGTCTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239060 representing NM_003448
 Red=Cloning site Green=Tags(s)

MSPGLLTTRKEALMAFRDVAVAFQKEWKLLSSAQRITYREVMLENYSHLVSLGIAFSKPKLIEQLEQGD
 EPWRENEHLLDLCPAEPRTFQPSFPHLVAFSSQLLRQYALSGHPTQIFPSSSAGGDFQLEAPRCSSE
 KGESGETEGPDSSLRKRPSRISRTFFSPHQDPVEWVEGNREGGDLRLAQRMSLGSDTMLKGADTSES
 GAVIRGNRYRLGLSKKSSLFHQKHVCPCEGRGFCQRSDLIKHQRTHTGKPYLCPCEGRRFSQKASLSI
 HQRKHSGEKPYVCRECGRHFRYTSSTLNHKRIHSGERPFVQCCEGRGFRQKIALLLHQRTHLEEKPFVCP
 ECGRGFCQKASLLQHQSHTGERPFLCLECGRSFRQSSLLSHQVTHSGEKPYVCAECGHSFRQKVTLIR
 HQRTHTEKPYLCPQCGRFSQKVTLIGHQRTHTEKPYLCPDCGRGFGQKVTLIRHQRTHTEKPYLCP
 KCGRAFQKSLTRHQRTHSEELVYDVRVCGQLGQKSHLISDQRTHSGEKPCICDECGRFGFKSALIR
 HQRTHSGEKPYVCRECGRGFSQKSHLHRHRTKSGHQLLPQEVF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

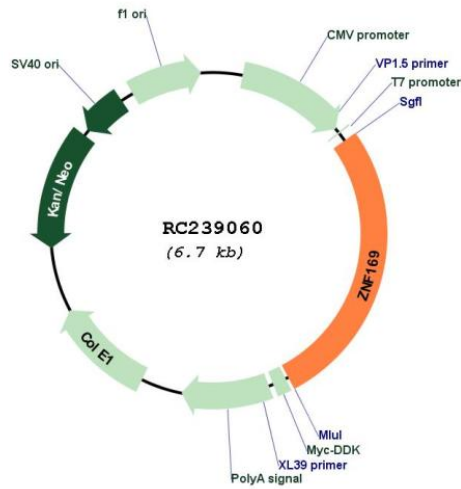
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:

NM_003448

ORF Size:	1812 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:	<ol style="list-style-type: none">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_003448.2 , NP_003439.2
RefSeq Size:	2409 bp
RefSeq ORF:	1815 bp
Locus ID:	169841
Cytogenetics:	9q22.32
Protein Families:	Transcription Factors
MW:	69 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]