

Product datasheet for **RG204386**

ZNF669 (NM_024804) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZNF669
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG204386 representing NM_024804
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**C

ATGGTGAGTGGACTGCGCTGGCTTCCCGAAGTGGAGAAGAGGGCTGGTTGAAACCTGCTGTGGCGCGAC
TCGGGCTCCACGCCATCGGCTCCGGAACCTGCGGACCGAGTCGCCGTGGCGTAGCCGGGGCTCAGTCCT
CTTCTGTTACGGGCCGGCGGGCGGGCGGGCAGCGGAACCCCTGCATCCTGTCTGTACCTGCGGGCGC
CACTTCCGCCGGCCGGATCCCTGTGCGGAACCCCTCGCTCCCTATCCAGGACTCGGTGGCTTTTGAGG
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AGTGATGCAGGAACCTGCAGGAACCTGGCTTCTGTAGGAAGCCAATGGAAGACCAGAATATTGAAGAT
CACTTCGAAAAACCTGGGAAAGATATAAGAAATCATATCGTACAGAGACTGTGTGAAAGTAAAGAAGATG
GTCAGTATGGAGAAGTTGTAGCCAAATTCCTGATCTGAACGAGAACATTTCTACTGGATTAAA
ACCATGTGAATGCAGTATTTGTGAAAAGTCTTTGTACGTATTCCTCCTTAATAGGCATATCTAGCT
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TTCCAGGTGTTAGAAGACACATGATAATGCACAGTGGAAATCCAGCTTATAAATGTACGATATGTGGGAA
AGCTTTTTATTTTCTCAATTCAGTTGAAAGACATCAGAGAAGTACACAGGAGAAAAACCCATATAATGT
AAACAATGTGTAAGCATTCACTGTTCCGGTCTTGTCTAATACATGAACGAACCTCACTGGAGAGA
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TCACACTGGAGAAAGACCCTATAAATGTACCAAAATGTGATAAAGCCTTCAGCTGTTCCACTTCCCTTCGT
TACCATGGAAGCATTCACTACTGGAGAGAGACCCTATGAGTGTAAACAATGTGGCAAAGCCTTTAGTCGTT
TGAGTTCCTTTGTAACCATAGAAGTACTCATACCGGAGAGAAACCTATGAATGTAACAATGTGATCA
AGCCTTCAGTCGCCTCAGTTCCTTCACTCCAGAAAGAATTCATACTGGAGAAAAACCCATGATATGT
AAGAAATGCGGTAAAGCCTACACTCGTTCAGTCACCTTACTCGCCATGAAAGAAGTCATGATATAGAGG
CTGGGTGTAGTGACTCAGCCTGTAATCCCAGCACTTTGGGAGGCCAAGGCGTGTGGATTGCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



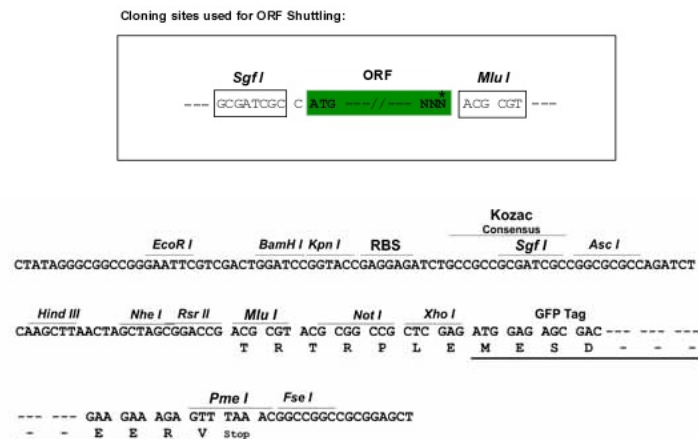
Protein Sequence: >RG204386 representing NM_024804
Red=Cloning site Green=Tags(s)

MVSGRLASRSGEEGWLKPAVARLGPPRHRLNLRTESPWRSRGSVLFCSGPGRAGRAAEPLHPVCTCGR
HFRRPDPCREPLASPIQDSVAFEDVAVNFTQEEWALLDSSQKNLYREVMQETCRNLASVGSQWKDQNIED
HFEKPGKDIRNHIVQRLCESKEDGQYGEVVSQIPNLDLNNISTGLKPCECSICGKVFVRHSLNLRHILA
HSGYKPYGEKQYKCEQCGKFFVSVPGVRRHMHSGNPAYKCTICGKAFYFLNSVERHQRTHTGEKPYKC
KQCGKAFTVSGSCLIHERTHTGEKPYECKECGKTFRFSCSFKTHERHTGERPYKCTKDKAFSCSTSLR
YHGSHTGERPYECKQCGKAFSRLSSLCNHRSTHTGEKPYECKQCDQAFSRLSSLHLHERIHTGEKPYEC
KKCGKAYTRSSHLTRHERSHDIEAGCSDSACNPSTLGGQGVWIA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_024804

ORF Size: 1392 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_024804.1](#), [NP_079080.1](#)

RefSeq Size: 1905 bp

RefSeq ORF: 1395 bp

Locus ID: 79862

UniProt ID: [Q96BR6](#)

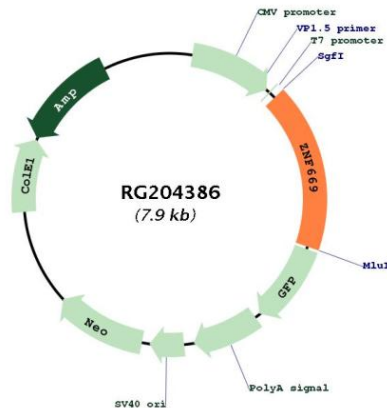
Cytogenetics: 1q44

Domains: KRAB, zf-C2H2

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG204386