

Product datasheet for **RG206886**

ZNF32 (NM_001005368) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF32 (NM_001005368) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF32
Synonyms:	KOX30; Zfp637; ZNF637
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206886 representing NM_001005368 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTGGATTTCCAACAGCTACCCTGCTGGACTGTCATGGAAGATATGCCCAGAATGTAGCGTTCTTCA
ATGTGATGACTGAAGCCACCACAAATATGACCACTCTGAGGCTACAGGATCCTCAAGCTGGGATATCCA
AAATTCTTTCAGAAGAGAGAAGCTGGAACAAAAATCCCCAGATTCGAAGACACTACAGGAAGATTCACCT
GGAGTGAGACAAAGGGTCTATGAGTGCCAGGAGTGTGAAAAATCCTTCCGGCAAAAAGGTAGTCTAACGT
TACATGAGAGAATCCACACTGGTCAAAGCCTTTTGTGAGTGCACCCACTGTGAAAAAGCTTCAGGGCCAA
AGGCAATCTTGTACACATCAACGGATACACACGGGAGAGAAGCCTTATCAGTGAAGGAGTGTGGGAAA
AGCTTCAGTCAACGAGGTAGTCTCGCTGTCCACGAGAGACTCCACACTGGACAGAAAACCTACGAGTGTG
CTATTTGTGAGAGAAGCTTCAGGAATCAGAGTAACCTTGCTGTTACAGGAGAGTTCACAGTGGTGAGAA
GCCCTATAGATGTGATCAGTGTGGAAAAGCCTTCAGTCAGAAAAGGAAGCTTAATTGTTACATCAGAGTC
CACACAGGCTGAAGCCCTATGCCTGTACCCAGTGCAGGAAGAGTTTCCACACCAGGGGGAATTGTATTC
TGCATGGCAAAAATCCACACAGGAGAGACCCCTATCTGTGCGGCCAGTGTGAAAAAGCTTCACCCAGAG
AGGGAGTCTGGCTGTGCACCAGCGAAGCTGCTCACAGAGGCTCACCCCTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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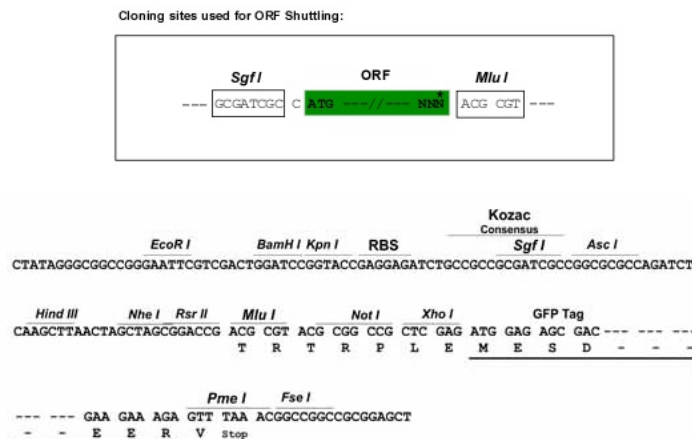
Protein Sequence: >RG206886 representing NM_001005368
 Red=Cloning site Green=Tags(s)

MFGFPTATLLDCHGRYAQNVAFFNVMTAEHKKYDHEATGSSSWDIQNSFRREKLEQKSPDSKTLQEDSP
 GVRQRVYECQECGKSFRQKGSLLTHERIHTGQKPFECTHCGKSFRAKGNLVTHQRIHTGEKPYQCKECCGK
 SF5QRGSLAVHERLHTGQKPYECAICQRSFRNQSNLAVHRRVHSGEKPYRCDQCGKAF5QKGSLLVHIRV
 HTGLKPYACTQCRKSFHTRGNCILHGKIHTGETPYLCGQCGKSF5TQRGSLAVHQRSCSQRLTL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001005368

ORF Size: 819 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_001005368.2](#), [NP_001005368.1](#)

RefSeq Size: 1219 bp

RefSeq ORF: 822 bp

Locus ID: 7580

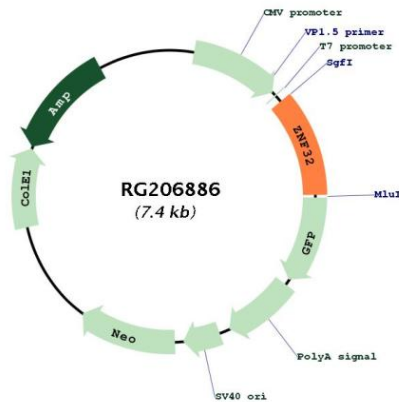
UniProt ID: [P17041](#)

Cytogenetics: 10q11.21

Protein Families: Transcription Factors

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

Product images:



Circular map for RG206886