

## Product datasheet for **RG223840**

### ZNF32 (NM\_006973) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF32 (NM_006973) 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:	>RG223840 representing NM_006973 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

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

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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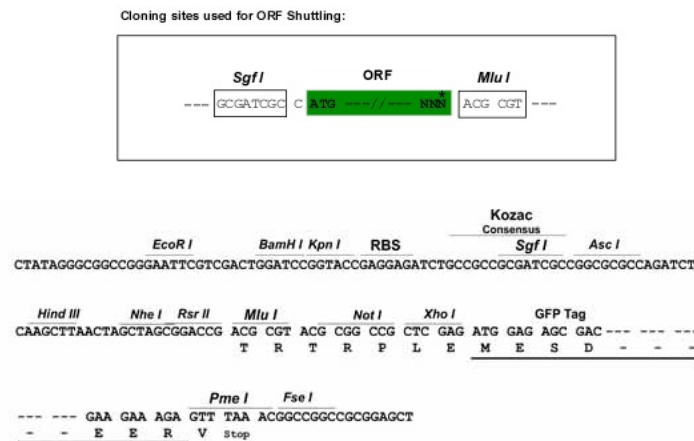
**Protein Sequence:** >RG223840 representing NM\_006973  
 Red=Cloning site Green=Tags(s)

MFGFPTATLLDCHGRYAQNVAFFNVMTEAHHKYDHSEATGSSSWDIQNSFRREKLEQKSPDSKTLQEDSP  
 GVRQRVYECQECGKSFRQKGSLLTHERIHTGQKPFECTHCGKSFRAKGNLVTHQRHTGEKPYQCKECCGK  
 SF5QRGSLAVHERLHTGQKPYECAICQRSFRNQSNLAVHRRVHSGEKPYRCDQCGKAF5QKGSLLVHIRV  
 HTGLKPYACTQCRKSFHTRGNCILHGKIHTGETPYLGGQCGKSF5TQRGSLAVHQRSCSQRLTL

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_006973

**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\\_006973.3](#)

**RefSeq Size:** 1176 bp

**RefSeq ORF:** 822 bp

**Locus ID:** 7580

**UniProt ID:** [P17041](#)

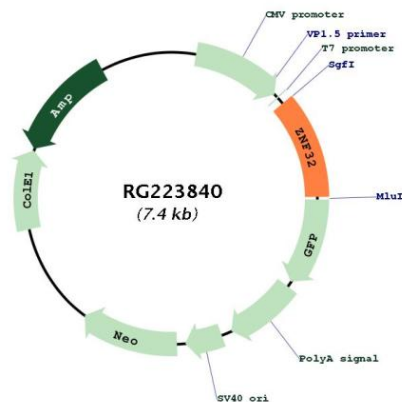
**Cytogenetics:** 10q11.21

**Domains:** zf-C2H2

**Protein Families:** Transcription Factors

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

### Product images:



Circular map for RG223840