

## Product datasheet for **RG213167**

### ZNF662 (NM\_207404) Human Tagged ORF Clone

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                         |
| Product Name:             | ZNF662 (NM_207404) Human Tagged ORF Clone                                   |
| Tag:                      | TurboGFP                                                                    |
| Symbol:                   | ZNF662                                                                      |
| Mammalian Cell Selection: | Neomycin                                                                    |
| Vector:                   | pCMV6-AC-GFP (PS100010)                                                     |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                      |
| ORF Nucleotide Sequence:  | >RG213167 representing NM_207404<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCTGGAGAATTATGGGGCTGTGGCTTCCTGGCAGCATTTCCATTTCCAAACCGGCTCTGATTTCCC  
AGCTGGAGCGAGGGGAAACACCTGGTGCTCGGTTCTCGGGAGCTCTGGATGGAGAGGCCCAAGGGG  
CATCTCCTCAGGATATCCATTTCTAAAGCCTGCTGGGATTTCCCATCTGAGCAGGTGGAAGAGCCATTA  
AACCTGAAACTGCAAGGAGAGGGTCCAAGCCTGATTTGTCCGAGGGTGTGTTGAAGAGGAAGAAAGAAG  
ATTTTATTCTGAAGGAGGAAATTATTGAGGAAGCACAGGACCTCATGGTCCTATCAAGTGGACCCAGTG  
GTGTGGATCCCAGGAATTATGGTTTGGGAAAACCTGTGAAGAGAAAAGCAGGTTAGGGAGATGGCCTGGT  
TACCTCAATGGGGACGTATGGAAGTTCTACAAATGATATTATAGAAGTGATTGTCAAGGATGAGATGA  
TCTCAGTAGAAGAGAGTTCAGGGAATACTGATGTCAATAACCTCCTTGGTATACATCACAAAATTCTAAA  
TGAGCAAATATTCTATATATGTGAGGAATGCGGCAAGTGTGTTGATCAAATGAGGACTTTGATCAACAC  
CAGAAAACCTCATAATGGAGAGAAGGTCTATGGATGTAAGGAATGTGGGAAGGCTTTCAGTTTTCGATCAC  
ATTGCATTGCACATCAGAGAATTCACAGTGGGGTGAACCCCTATGAATGTCAAGAATGTGCTAAGGCCTT  
TGTTTGAAGTCAAACCTGATTCGTCACCAGAGAATACATACTGGAGAGAAAACCTTTGAATGTAAGGAA  
TGTGGGAAGGGCTTTAGTCAGAACACAAGCCTTACGCAACATCAACGGATCCACACTGGTGAGAAACCAT  
ACACATGTAAGGAATGTGGGAAAAGCTTTACTCGAAACCCAGCCCTTCTTCGACATCAGAGAATGCACAC  
TGGGGAGAAGCCTTACGAATGTAAGGACTGTGGGAAGGGCTTCATGTGGAACCTCAGATCTTCTCAGCAC  
CAGAGGGTCCACACTGGGGACAAGCCTCATGAATGTACTGACTGTGGGAAAAGCTTCTTTTGAAGGCAC  
ATCTTATTCGACATCAAAGAATCCATACTGGGGAAAGACCCTATAAATGTAATGACTGTGGGAAGGCCTT  
CAGTCAGAATTCTGTCTTAATTAAGCACCAGAGGCGCCATGCTAGAGACAAACCTATAACTGTCAGATC  
TCTCACCTTCTGAACAT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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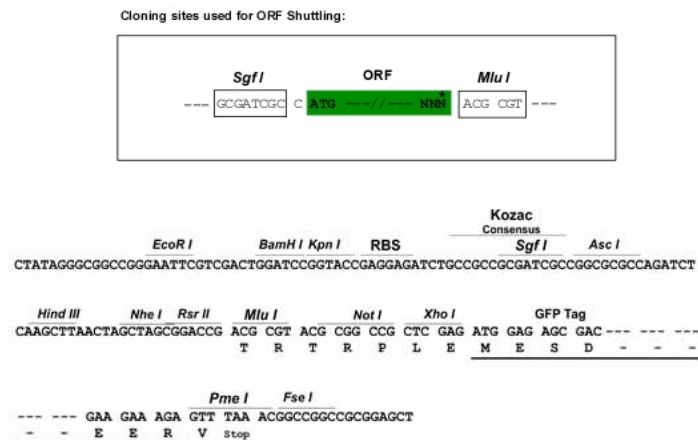
**Protein Sequence:** >RG213167 representing NM\_207404  
 Red=Cloning site Green=Tags(s)

MLENYGAVASLAFFPKPALISQLERGETPWCSVPRGALDGEAPRGISSGYPFLKPAGISHPEQVEEPL  
 NLKLQGEGPSLICPEGLVKRKEDFILKEEIEEAQDLMVLSSGPQWCGSQELWFGKTCEEKSRLGRWPG  
 YLNGRMESSTNDIEIVKDEMISVEESSGNTDVNNLLGIHHKILNEQIFYICEECGKCFDQNEFDQH  
 QKTHNGEKVYGCKEKGAFSFRSHCIAHQRIHSGVKPYECQECAKAFVWKSNIHQRIHTGEKPFECKE  
 CGKGFSSQNTSLTQHRIHTGEKPYTCCKGKSFTRNPALLRHQRMHTGEKPYECDGKGMWNSDLSQH  
 QRVHTGDKPHECTDCGKSFFCKAHLIRHQRIHTGERPYKCNDGKAFSQNSVLIKHQRRHARDKPYNCQI  
 SHLLEH

TRTRPLE – GFP Tag – V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_207404

**ORF Size:** 1278 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\_207404.4

**RefSeq Size:** 5612 bp

**RefSeq ORF:** 1281 bp

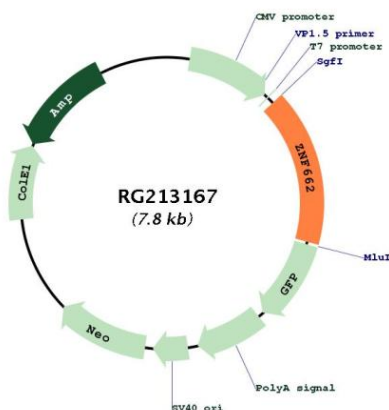
**Locus ID:** 389114

**UniProt ID:** Q6ZS27

**Cytogenetics:** 3p22.1

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

## Product images:



Circular map for RG213167