

## Product datasheet for **RG228189**

### ZMYND12 (NM\_001146192) Human Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: ZMYND12 (NM\_001146192) Human Tagged ORF Clone  
Tag: TurboGFP  
Symbol: ZMYND12  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-AC-GFP (PS100010)  
E. coli Selection: Ampicillin (100 ug/mL)  
ORF Nucleotide Sequence: >RG228189 representing NM\_001146192  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCAGCTCTTGATTCCACTGCGCACTTCCATGCCCTTCTACAATTCAGAGGAAGAACGGCAGCATGGC  
CTGCAGCAGCTGCAGCAGCGCAGGTCTGGGCCGAATCGTTCAGGCTGAAGAATATCTATTCCAAGCCCA  
GTGGACAGTCTCAAATCAACTGACTGTAGTAATGCCACCACTCTTTACTGCATCGGAATCTGGGACTT  
CTCTATATAGCTAAGAAAACTATGAAGAGGCCGTTATCATCTGGCCAATGATATTTATTTGCCAGTT  
GTGCATTTGGAACAGAGGACATTAGGACTTCAGGAGGCTACTTCCACCTGGCTAATATATTTCTATGACCT  
TAAAAAGTTGGACCTGGCAGACACATTGTACACCAAGGTCTCTGAGATCTGGCATGCATATTTGAACAAT  
CACTATCAAGTCCTCTCACAGGCTCACATCCAACAAATGGATTTACTGGGCAAACTATTTGAGAATGACA  
CTGGCTTGGATGAAGCCCAAGAAGCAGAAGCCATTGCGATCCTGACTTCAATCTTGAACATTCGAGAATC  
TACATCTGACAAAGCCCCCAAAAACCATCTTTGTTCTGAAGATCCTGGTCATGTTTTACTACCTGATG  
ATGAATTCTTCAAAGGCACAGGAATATGGCATGAGGGCCCTCAGTCTAGCCAAAGAACAACAGCTTGATG  
TCCATGAGCAAAGCACCATTCAAGAGTTATTAAGTCTCATTTCACTGAAGACCATCCCATTACT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG228189 representing NM\_001146192  
Red=Cloning site Green=Tags(s)

MSALDSTAHFHALLQFRGRATAAWPAAAAAAGLGRIVQAEYLFQAQWTVLKSTDCSNATHSLHLRNLGL  
LYIAKKNYEEARYHLANDIYFASCAFGTEDIRTSGGYFHLANIFYDLKKLDLADTLTYTKVSEIWHAYLNN  
HYQVLSQAHIQQMDLLGKLFENDTGLDEAQEAIRILTSILNIRESTSDKAPQKTFVLKILVMFYFLM  
MNSSKAQEYGMRLSLAKEQQLDVHEQSTIQELLSLISTEDHPIT

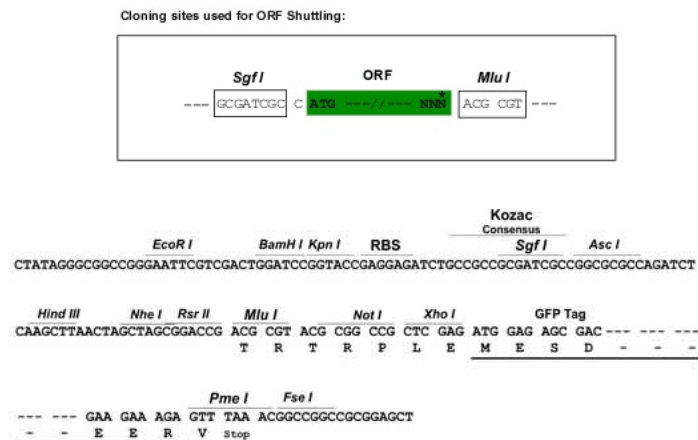
**TRTRPLE** - GFP Tag - V



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**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001146192

**ORF Size:** 765 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\\_001146192.1](#), [NP\\_001139664.1](#)

**RefSeq Size:** 1610 bp

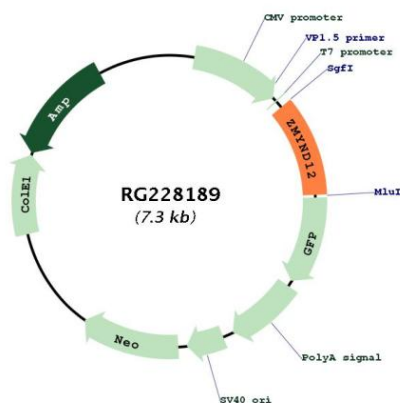
**RefSeq ORF:** 768 bp

**Locus ID:** 84217

**UniProt ID:** [Q9H0C1](#)

Cytogenetics: 1p34.2

## Product images:



Circular map for RG228189