

## Product datasheet for **RG230409**

### ZNF573 (NM\_001172691) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF573 (NM_001172691) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF573
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide  
Sequence:

>RG230409 representing NM\_001172691  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGTTTCCAGTATTGGAACCCACCAAGTAGGACTGATCAGGTCTTACAATTCTAAAACCATGACCTGTG  
AATTAGTGACATTCAGGGATGTGCCATAGACTTCTCTCGGCAGGAGTGGGAATACCTGGACCCTAATCA  
GAGGGACTTATACAGGGATGTGATGTTGGAGAAGTATAGAAACCTGGTATCACTGGGAGGACATTCCATT  
TCTAAACCAAGTTGTGTTGATTTACTGGAGCGAGGAAAAGAGCCCTGGATGATTTTGAGGGAAGAAACAC  
AGTTCACAGATTTGGATTTACAGTGTGAGATAATCAGCTACATAGAAGTACCCACTTATGAAACAGATAT  
ATCCTCTACACAACCTCAGAGCATATATAAGAGAGAGAACTCTATGAATGTAAGAAATGTCAGAAGAAA  
TTTAGTAGTGGTTATCAACTTATTCTACATCACAGTTTCATGTCATTGAGAGACCCTATGAATGCAAAG  
AGTGTGGGAAGAACTTTCTGATGGCTATCAACTTACTCTACATCAAAGATTTTCACTGGTGAGAAACC  
CTATGAATGTACAGAATGTGGGAAGAACTTTAGAAGTGGTTATCAGCTGACTGTGCATCAGAGATTTTCAT  
ACTGGTGAGAAAACCTATGAATGTAGGCAGTGTGGGAAGGCCCTTTATATATGCCTCACACATTGTTCAAC  
ATGAGAGAATTCACACTGGTGGGAAGCCGTATGAATGTCAGGAGTGTGGGAGGGCCCTTAGTCAAGGTGG  
ACATCTTAGAATTCATCAGAGAGTTCATACTGGCGAAAAACCATATAATGTAAGGAATGTGGGAAGACT  
TTTAGTAGGCGCTCAAATCTTGTGAACATGGGCAGTTTCATACTGATGAGAAGCCATACATATGTGAGA  
AATGTGGAAAGGCCCTTTAGAAGAGGTACCAGCTTACTGTACATCAGAGAGTTCACACTGGTAAAAAGCC  
ATATGAGTGTAAAGAATGTGGGAAGGGCTATACCACTGCCTCATACTTTCTTCTACATCAGAGAATTCAT  
AAAGGTGAAAAACCTATGAATGTAAGGAGTGTAAAGAAACCTTTACTTTGTATAGAAATCTTACTCGGC  
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AAAACCTTTCAACATCAGAAAACCTCATACTGGCGAGAAAACCTATGAATGCAAGGAATGCGGAAAAGGCC  
TTTAGCTTGTATGGCTACCTTAAACAACATCAGAAAATTCATACTGGCATGAAACACTTTGAATGTAAGG  
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AAATCTTACTCTACATCAAAGTATTCATACTGATGAGAAAACCTTTGAATGTAAGGAATGTGGGAAGACC  
TTTAGACGTAGTTCACACCTTACTGCACATCAGAGCATTTCATGCTGATAAAAAACCTATGAATGTAAGG  
AATGTGGAAAGGCCCTTTAAAATGTATGGCTACCTTACCCAACATCAGAAAATTCATACTGGTGGAAAACC  
TTATGAATGTAAGAAATGTGGGAAGGCCTTCAGTCGTGCTTCAAACCTTGTTCACATGAGAGAATTCAT  
ACTGGTGAGAAAACCTATGTGTGTAAGCAGTGTGGGAAAACCTTCAGATATGGTTCAGCCCTTAAAGCCC  
ATCAGAGAATTCATAGGAGCATAAAAAGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG230409 representing NM\_001172691  
 Red=Cloning site Green=Tags(s)

MFPVLEPHQVGLIRSYNSKTMTCELVTFRDVAIDFSRQWEYLDPNQRDLYRDVMLENYRNLVSLGGHSI  
 SKPVVVDLLERGKEPWWMLREETQFTDLDLQCEIISYIEVPTYETDISSTQLQSIYKREKLYECKKCKQK  
 FSSGYQLILHHRFHVIERPYECKEKGKFNFRSGYQLTLHQRFHTGEKPYECTECKGNFRSGYQLTVHQRFH  
 TGEKTYECCRQCGKAFIYASHIVQHERIHTGGKPYECQECGRAF SQGGHLRIHQRVHTGEKPYKCKECKGT  
 FSRNSNLVEHGQFHTDEKPYICEKCGKAFRRGHQLTVHQRVHTGKKPYECKEKGKGYTTASYFLLHQRIH  
 KGGKPYECKECKKFTLYRNLTRHQNIHTGEKLFECKQCGKTYTTGSKLFQHQKTHHTGEKPYECKECKGA  
 FSLYGYLQHQKIHTGMKFECKECKKFTLYRNLTRHQNIHTGKLFECQECGKAYSTGNSLIQHRKTH  
 TGEKPYKCKECKGTFSLHGYNQHQKIHTGMKPYECKVCRKFTTFYRNLTLHQSIIHTDEKPFECKECKGT  
 FRRSSHLTAHQSIHADKKPYECKECKGAFKMYGYLTQHQQIHTGGKPYECKECKGAFSRASNLVQHERIH  
 TGEKPYVCKQCGKTFRYGSALKAHQRIHRSIKV

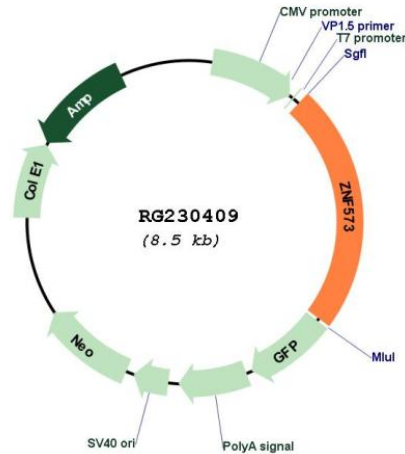
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



## Plasmid Map:



ACCN: NM\_001172691

ORF Size: 1989 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\\_001172691.1](#), [NP\\_001166162.1](#)  
RefSeq Size: 2251 bp  
RefSeq ORF: 1992 bp  
Locus ID: 126231  
UniProt ID: [Q86YE8](#)  
Cytogenetics: 19q13.12  
Protein Families: Transcription Factors  
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]