

Product datasheet for **RG230302**

ZNF573 (NM_001172692) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF573 (NM_001172692) 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:

>RG230302 representing NM_001172692
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATTTTGGAGGAAGAAACACAGTTACAGATTTGGATTACAGTGTGAGATAATCAGCTACATAGAAG
 TACCCACTTATGAAACAGATATATCCTCTACACAACCTCAGAGCATATATAAGAGAGAGAAACTCTATGA
 ATGTAAGAAATGTCAGAAGAAATTTAGTAGTGGTTATCAACTTATTCTACATCACAGTTTCATGTCATT
 GAGAGACCCTATGAATGCAAAGAGTGTGGGAAGAACTTTCGTAGTGGCTATCAACTTACTCTACATCAAA
 GATTTCTACTGGTGAGAAACCTATGAATGTACAGAATGTGGGAAGAACTTTAGAAGTGGTTATCAGCT
 GACTGTGCATCAGAGATTTCACTGTTGAGAAAACCTATGAATGTAGGCAGTGTGGGAAGGCCCTTTATA
 TATGCCTCACACATTGTTCAACATGAGAGAATTCACACTGGTGGGAAGCCGTATGAATGTCAGGAGTGTG
 GGAGGCCCTTAGTCAAGGTGGACATCTTAGAATTCATCAGAGAGTTCATACTGGCGAAAAACCATATAA
 ATGTAAGGAATGTGGGAAGACTTTTAGTAGGCGCTCAAATCTTGTGAACATGGGCAGTTTCATACTGAT
 GAGAAGCCATACATATGTGAGAAATGTGGAAAGCCCTTTAGAAGAGGTACCAGCTTACTGTACATCAGA
 GAGTTCACACTGGTAAAAAGCCATATGAGTGTAAAGAATGTGGGAAGGGCTATACCACTGCCTCATACTT
 TCTTCTACATCAGAGAATTCATAAAGGTGGAAAACCTATGAATGTAAGGAGTGTAAAGAAACCTTACT
 TTGTATAGAAATCTTACTCGGCATCAGAATATTCATACTGGTGAGAACTTTTGAATGCAAGCAATGTG
 GGAAGACCTATACTACTGGTTCAAAACCTTTCAACATCAGAAAACCTCATACTGGCGAGAAAACCTATGA
 ATGCAAGGAATGCGGAAAGCCCTTAGCTTGTATGGCTACCTTAAACAACATCAGAAAATTCATACTGGC
 ATGAAACACTTTGAATGTAAGGAGTGTAAAAAACCTTTACTTTGTATAGAAATCTTACTCGACATCAGA
 ATATTCACACTGGTAAGAAACTTTTGAATGTCAGGAATGTGGGAAGCCCTATAGTACTGGCTCAAACCT
 TATTCACATCGGAAAACCTCATACTGGTGAAGAAACCTATAAATGTAAGGAATGTGGCAAGACCTTTAGC
 TTGCATGGATATCTTAATCAACATCAGAAAATTCATACTGGTATGAAACCTATGAATGTAAAGGTATGTA
 GAAAAACCTTTACTTTCTATAGAAATCTTACTCTACATCAAAGTATTCATACTGTGAGAAAACCTTTTGA
 ATGTAAGGAATGTGGGAAGACCTTTAGACGTAGTTCACACCTTACTGCACATCAGAGCATTATGCTGAT
 AAAAAACCTATGAATGTAAAGAATGTGGAAAGCCCTTTAAAATGTATGGCTACCTTACCAACATCAGA
 AAATTCATACTGGTGGAAAACCTTATGAATGTAAAGAATGTGGGAAGCCCTTCAGTCGTGCTTCAAACCT
 TGTTCAACATGAGAGAATTCATACTGGTGAAGAAACCTATGTGTGAAGCAGTGTGGAAAACCTTCAGA
 TATGGTTCAGCCCTTAAAGCCATCAGAGAATTCATAGGAGCATAAAAGT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG230302 representing NM_001172692
 Red=Cloning site Green=Tags(s)

MILREETQFTDLDLQCEIISYIEVPTYETDISSTQLQSIYKREKLYECKKCQKFFSSGYQLILHHRFHVI
 ERPYECKEKGKFNFRSGYQLTLHQRFHTGEKPYECTECGKNFRSGYQLTVHQRFHTGEKTYEQRQCGKAFI
 YASHIVQHERIHTGGKPYEQCEGGRFASQGGHLRIHQRVHTGEKPYKCKEKGKTFRRSNLVHGHQFHTD
 EKPYICEKCGKAFRRGHQLTVHQRVHTGKPYECKEKGKGYTTASYFLLHQRIHKGGKPYECKECKKFTT
 LYRNLTRHQNIIHTGEKLFECKQCGKTYTTGSKLFQHQKTHTEKPYECKEKGKAFSLYGYLQHQKIHGT
 MKHFECKECKKFTLYRNLTRHQNIIHTGKLFECQEGKAYSTGSNLIQHRKTHTEKPYKCKEKGKTFSS
 LHGYLNQHQKIHTGMKPYECKVCRKTFTFYRNLTLHQSIIHTDEKPFECKEKGKTFRRSSHLTAHQSIHAD
 KKPYECKEKGKAFKMYGYLTQHQKIHTGGKPYECKEKGKAFSRASNLVQHERIHTGEKPYVCKQCGKTFR
 YGSALKAHQRIHRSIKV

TRTRPLE – GFP Tag – V

Restriction Sites:

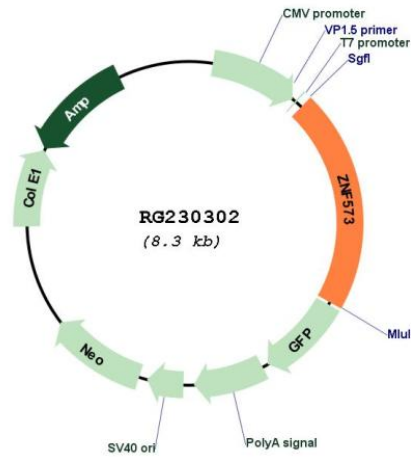
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN:

NM_001172692

ORF Size:	1731 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:	<ol style="list-style-type: none">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_001172692.1 , NP_001166163.1
RefSeq Size:	2124 bp
RefSeq ORF:	1734 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]