

## Product datasheet for **RG209175**

### ZNF529 (NM\_020951) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF529 (NM_020951) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF529
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RG209175 representing NM\_020951  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGACCATGAACTGGTACACTCAGGGATGTGGTCATCAACTTCTCTCAGGAGGAATGGGAATATCTGG  
 ATTCTGCTCAGAGGAACCTGTACTGGGATGTGATGATGGAGAACTACAGCAACTTACTCTACTGGATTT  
 GGAGTCCAGGAATGAGACTAAGCATTATCTGTAGGAAAAGATATTATCAAACACTGGTCCTCAGTGG  
 GAGGTAATGAAAAGTAGCAAGTTATGTGCCTTGAAGGTTCCATTTTCAGAAATGACTGGCAAAGCAAAA  
 GCAAGATTGACGTACAAGGACCTGAAGTGGGATATTTCACTCAAATGAAAATCATCTCTGAAAATGTGCC  
 CAGTTACAAAACCTCATGAATCTTTACTTTACCTCGGAGAACTCATGACAGTGAGAAGCCCTATGAATAC  
 AAGGAATATGAGAAGGCTTTCAGTTGTGACTTAGAGTTTGTGATGAATATCAGAAAATACATACTGGTGGAA  
 AAAACTATGAATGAATCAATGTTGAAAACCTTTGGGATAGATAACTCCAGTATGTTACAACCTGAATAT  
 TCATACTGGTGTGAAACCTTGAATATATGGAATATGGGAATACATGTAGTTTTATAAAGACTTTAAT  
 GTATACCAGAAAATTCATAATGAGAAGTCTATAAATGTAAAGGAATACAGAAGGACCTTTGAAAAGAGTTG  
 GAAAAGTTACTCCACTTCAAAGAGTTTCATGATGGTGAGAAAACACTTTGAATGCTCATTCTGTGGGAAATC  
 CTTTAGAGTGCATGCACAACCTTACTCGACATCAGAAAATCCATACTGATGAGAAAACCTTACAATGTATG  
 GAATGTGGCAAGGACTTCAGATTTCACTCACAGCTTACCGAACATCAGAGAATTCATACTGGTGAGAAAAC  
 CCTACAATGTATGCACTGTGAGAAGGTTTTAGAAATAGTTCACAGCTCATTGAACATCAGAGAATTCA  
 CACTGGTGAGAAAACCTTATGCATGTAAGGAATGTGGGAAGGCTTTTGGAGTATGTAGAGAACTTGCTCGT  
 CATCAGAGAATTCATACTGGTAAGAAACCTATGAATGCAAAGCATGTGGAAAGGCTTTTAGAAAATAGTT  
 CATCCCTGACTAGACATCAGAGGATTCATACTGGTGAAAACCTTATAAATGTAAGAATGTGAGAAGC  
 ATTTGGAGTAGGTAGTGAACCTTACTCGACATGAAAGAATTCACAGTGGTCAAAAACCTTATGAATGTAAG  
 GAGTGTGAAAAGTCTTTAGACTTACGTACGCCCTTATCAACATCAAAGAATTCATAGTGGTGAGAAAAC  
 CTTATGAATGTAAGGTATGTGGGAAGGCCCTTTAGACATAGTTCAGCCCTTACAGAACATCAGAGAATTCA  
 TACTGGAGAAAACCTTATGAATGCAAGGCATGTGGGAAGGCCCTTTAGACATAGTTCATCCTTTACAAA  
 CATCAGCGCATTACTGATGATAAACCTTATGAATGTAAAGGAGTGTGGGAATTCCTTTAGTGTGTTG  
 GGCATCTTACTTGCCAACCGAAAATTTACTGTTGAGAAAATCATTGAC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>RG209175 representing NM\_020951  
 Red=Cloning site Green=Tags(s)

MDHELVTLRDQVVFVINFQEEWEYLDSAQRNLYWDVMMENYSNLLSLDLESRNETKHLVSGKDIIQNTGPQW  
 EVMESSKLCGLEGSIFRNDWQSKSKIDVQPEVGYFSQMKIISENVPSYKTHESLTLPRRTHDSEKPYEY  
 KEYEKVFSCLDFDEYQKIHTGGKNEYCNQCWKTFGIDNSSMLQLNIHTGVKPKYMEYGNCSFYKDFN  
 VYQKIHNKFKYKCKEYRRTFERVGVKVTPLQRVHDGKHFECFSGKSFVHAQLTRHQKIHTDEKTYKCM  
 ECGKDFRFHSQLTEHQRIHTGEKPYKCMHCEKVFRISSQLIEHQRIHTGEKPYACKCEGKAFGVCRELAR  
 HQRHTGKPKPYECKACGKVFNRSSSLTRHQRIHTGEKPYKCKEKEKAFVGVSELTRHERIHSQKPYECK  
 ECGKFFRLTSALIQHQRIHSGEKPYECKVCGKAFRHSSALTEHQRIHTGEKPYECKACGKAFRHSSSFTK  
 HQRHTDDKPYECKECGNSFSVVGHLTCQPKIYTGKESFD

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_020951

**ORF Size:** 1590 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\\_020951.1](#), [NP\\_066002.1](#)

**RefSeq Size:** 4480 bp

**RefSeq ORF:** 1692 bp

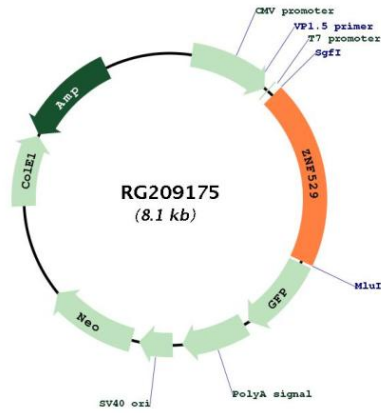
**Locus ID:** 57711

**UniProt ID:** [Q6P280](#)

**Cytogenetics:** 19q13.12

Domains: zf-C2H2  
 Protein Families: Transcription Factors  
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG209175