

Product datasheet for **RG209314**

ZNF530 (NM_020880) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF530 (NM_020880) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF530
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG209314 representing NM_020880
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCGCACTGAGGCCCCACCCAGCAGGTTTTGTAGCCTTTGAGGATGTGCCATTTACTTCT
 CCCAGGAGGAGTGGGAGCTCCTTGATGAGATGCAGAGGCTCCTGTACCGGATGTGATGCTGGAGA
 TGCAGTTATGGCATCCCTAGGTTGCTGGTGTGGAGCAGTAGATGAGGGGACGCCCTTCTGCAGAGAGCGTT
 TCTGTGGAAGAACTGTCACAGGGCAGGACTCCAAAGGCAGATACATCCACTGATAAGAGTCACCCCTGTG
 AGATTTGTACCCAGTCTGAGAGACATTTTACAAATGATTGAGCTCCATGCCTCACCTGTGGACAGAA
 ATTGTACTTGGGTGGAGCATCAAGAGATTTCTGGATGAGTTCAAACCTTCACCAGCTCCAGAAGCTTGAT
 AATGGAGAGAAGCTCTTTAAAGTGGATGGGACCAGGCCTCATTTATGATGAAGTGCAGGTTCCATGTGT
 CAGGAAAACCTTCACGTTTGGGAAGTCGGGAGGACTTTTCAGCCACCTCAGGACTTCTCCAGCATCA
 GGTGACTCCCACCATTGAGAGACCACACAGCAGGATTAGACACTTGAGAGTTCCCACTGGACGAAAGCCT
 CTCAAATACACTGAATCCAGGAAATCTTTTAGAGAGAAATCTGTATTCATTCAACACCAAAGAGCTGACT
 CTGGAGAAAGGCCTTACAAGTGCAGTGAATGTGGGAAATCCTTTAGTCAAAGTTCTGGCTTTCTCGACA
 CAGGAAAGCACACGGTAGAACAAAGGACTCATGAATGTAGTGAATGTGGGAAATCATTTAGTCGAAAAC
 CACCTAACTCAACACCAAAGAGTTTCACTGGAGAAAGGCCTTATGACTGCAGTGAATGTGGCAAATCCT
 TTCGCCAGGTATCTGTCTCATTCAACATCAACAGTTTCACTGGAGAAAGGCCTTATGAGTGCAGTGA
 ATGTGGGAAATCTTTAGCCACAGCACTAACCTCTATCGTCACAGGAGTGCCACACTAGCACAAGGCCT
 TATGAGTGCAGTGAATGTGGAAATCCTTAGCCATAGCACTAACCTCTTTCGACACTGGAGAGTTCACA
 CTGGAGTAAGGCCTTATGAGTGTAGTGAATGTGGGAAAGCATTAGTTGCAATATCTACCTTATTCACCA
 CCAAAGATTTCACTGGAGAAAGACCTTATGTGTGCAAGTGAATGTGGGAAATCATTTGGCCAGAAATCT
 GTCTCATTCAACACCAAAGAGTTCACTGGAGAAAGGCCTTATGAGTGCAGTGAATGTGGGAAAGTTT
 TTAGCCAAAGCTCTGGCCTCTTTTCGACACAGAAGACTCACACTAAAACAAAGCCTTATGAGTGCAGTGA
 ATGTGAAAATCATTTAGTTGCAAAACTGACCTATTCGACACCAGACAGTTCACACTGGAGAAAGGCCT
 TATGAGTGCAGTGTATGTGGGAAATCTTTATCCGAAAACCCACCTCATTTCGACACCAGACTGTTTACA
 CTAATGAAAGGCCTTATGAGTGCAGTGAATGTGGGAAATCCTATAGCCAAAGCTCTGCCCTCTTCAGCA
 TAGGAGAGTTCACACTGGAGAAAGGCCTTATGAGTGCAGAGAATGTGGGAAATCTTTACCCGAAAAAT
 CACCTCATTCAACACAAGACAGTTCACACTGGAGAAAGGCCTTATGAATGCAGTGAATGTGGAAATCCT
 TTAGCCAAAGCTCTGGCCTCTTAAGACACAGAAGAGTTTATGTGCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG209314 representing NM_020880
 Red=Cloning site Green=Tags(s)

MAAALRAPTQQVFVAFEDVAIYFSQEEWELLDQMRLLYRDVMLENFVAVMASLGCWCGAVDEGTPSAESV
 SVEELSQRTPKADTSTDKSHPCEICTPVLRLDILQMIELHASPCCQKLYLGGASRDFWSSNLHQLQKLD
 NGEKLFKVDGDQASFMNCRFHVSGKPFTEGEVGRDFSATSGLLQHQTPTIERPHSRIRHLRVPTGRKP
 LKYTESRKSFRKSVFIQHQRADSGERPDKSECGKSFSSQSSGLRHRKAHGRTRTHECSECGKSF SRKT
 HLTQHQRVHTGERPYDCSECGKSFQVSVLIQHQRVHTGERPYECSECGKSF SHSTNL YRHSRHTSTRP
 YECSECGKSF SHSTNLFRHWRVHTGVRPYECSECGKAFSCNIYL IHHQRFHTGERPYVCSECGKSFQKS
 VLIQHQRVHTGERPYECSECGKVFSSQSSGLFRHRAHTKTPYECSECEKSF SCKTDLIRHQT VHTGERP
 YECVCGKSFIRKTHLIRHQT VHTNERPYECDECGKSYSQSSALLQHRRVHTGERPYECRECGKSF TRKN
 HLIQHKT VHTGERPYECSECGKSFSSQSSGLLRHRRVHVQ

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_020880

ORF Size: 1797 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

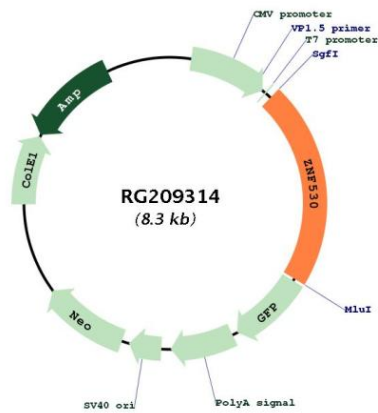
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_020880.5](#)

RefSeq Size: 2964 bp
 RefSeq ORF: 1800 bp
 Locus ID: 348327
 UniProt ID: [Q6P9A1](#)
 Cytogenetics: 19q13.43
 Protein Families: Transcription Factors
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RG209314