

## Product datasheet for **RG208201**

### ZNF230 (NM\_006300) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF230 (NM_006300) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF230
Synonyms:	FDZF2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG208201 representing NM\_006300  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGACCACATTCAAGGAGCAGTGACCTTCAAGGATGTGGCTGTGTTCTTCACTGAGGAGAACTGGGGC  
 TACTGGACCTGCCAGAGGAAGCTGTACCAAGACGTGATGCTTGAGAATTACGAACCTGCTGTCACT  
 GGGGCATCAACATTCCACCTTTCCACTTCTAAGGGAAGAAAAGTTTTGGATGATGGAGACAGCAACC  
 CAAAGAGAAGAAATTCAGGCGCAAGACTATTGCGGAAGCAGGACCACATGAAGACTGCCCTTGCCAGC  
 AAATCTGGGAACAACTGCAAGTGACTTAACCCAGTCTCAAGACTCCATCATAAAATAATTCTCACTTCTT  
 TGAACAAGGTGATGTCCCTCCCAGTTGAGGCAGGACTATCTATAATTCATACAGGACAGAAACCTTCA  
 CAGAATGGGAAGTAAACAGTCCTTCAGTGATGTTGCCATCTTGATCCTCCTCAGCAGTTCCACTCAG  
 GAGAGAAGTCTCATACATGCAATGAGTGTGAAAAAGCTTCTGTTACATCTCAGCTTTCGATTCACCA  
 GAGAGTTCACCTTGAGAGAGAACTCTAAGTGTGACATGCGTGGTAAGGAATTCAGTCAGAGCTCATGT  
 CTGCAAACCTCGTGAGAGAGTCCACACTGGAGAGAAACCATTCAAATGTGAGCAATGTGGAAAGGCTTCA  
 GATGTAGAGCGATACTTCAAGTTCAGTCAAATACACACAGGAGAGAAAACCTTATATTTGTGAGAAATG  
 TGGGAGGGCTTCATTCACGATTTCCAGCTTCCAGAAACATCAGATAATTCATACTGGGGAGAAGCCGTTT  
 AAATGTGAAATATGTGGTAAGAGCTTCTGCCTTAGGTCAAGTCTTAATAGGCATTGCATGGTCCACACAG  
 CAGAGAACTGTACAAATCTGAGGAGTGTGAAAAAGGCTTCACTGATAGCCTAGATTTGCATAAGCATCA  
 GATAATTCACACAGGACAGAAACCGTACAATTGTAAGAATGTGGGAAGAGCTTCAGATGGTCCCTCATAT  
 CTTTTGATCCATCAGCGAATCCACAGTGGAGAAAAACCATACAGATGTGAGGAGTGTGGGAAGGGCTACA  
 TTAGTAAGTCAGGTCTTAACCTTGACACAGAGGGTCCATACTGGAGAGAGACCTTATAATTGTAAGGAATG  
 TGGGAAGAGCTTTAGCCGGCTTCAAGTATTTGAATCATAAGAACTCCACTGCCGAAAAAACCTTTC  
 AAATGTGAGGATTGTGGAAGAGGCTTGTACCCGGTCTTCTGTAAAGACCAACAGGAGACCACAATG  
 GAGAAAACTCATCAAATGTGAGGACTGTGGGAAGCGCTACAAGAGCGCTTGAATCTGGATATAATTTT  
 ATCATTATTTTTAAATGATATG

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>RG208201 representing NM\_006300  
 Red=Cloning site Green=Tags(s)

MTTFKEAVTFKDVAVFFTEEELGLLDPAQRKLYQDVMLNFTNLLSVGHQPFHPFHLREEKFWMMETAT  
 QREGNSGGKTIIEAGPHEDCPCQIWEQTASDLTQSQDSIINNSHFFEQGDVPSQVEAGLSIIHTGQKPS  
 QNGKCKQSFSDVAIFDPPQQFHSGEKSHTCNECGKSFCYISALRIHQRVHLREKLSKCDMRGKEFSQSSC  
 LQTRERVHTGEKPFKCEQCGKGFRCRAILQVHCKLHTGEKPYICEKCGRAFIHDFQLQKHQIIHTGEKPF  
 KCEICGKSFCLRSSLNRHCMVHTAEKLYKSEECGKGFDTSLDLHKHQIIHTGQKPYNCKEKGKSFWRSSY  
 LLIIHQRIHSGEKPYRCEECGKGYISKSGLNHQRVHTGERPYNCKEKGKSF SRASSILNHHKHLHCRKPP  
 KCEDCGKRLVHRSFKDQDQDHDNGENSSKCEDCGKRYKRRLNLDIILSLFLNDM

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_006300

**ORF Size:** 1422 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\\_006300.4](#)

**RefSeq Size:** 4132 bp

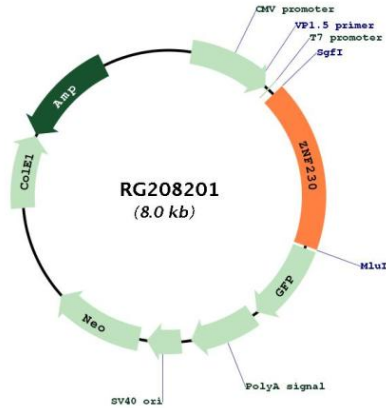
**RefSeq ORF:** 1425 bp

**Locus ID:** 7773

**UniProt ID:** [Q9UIE0](#)

Cytogenetics: 19q13.31  
 Domains: KRAB, zf-C2H2  
 Protein Families: Transcription Factors  
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG208201