

Product datasheet for **RG225590**

ZNF385 (ZNF385A) (NM_001130967) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF385 (ZNF385A) (NM_001130967) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF385
Synonyms:	HZF; RZF; ZFP385; ZNF385
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG225590 representing NM_001130967 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATCCTCGGCAGCCTGAGCCGGGCAGGGCCCTGCCTCTGCTACGGCAGCCCCGATCATGCAGCCCC
CACTGGACCTCAAGCAGATCCTGCCCTTCCCACTCGAGCCAGCCCCTACCTTGGCCTCTTCAGCAACTA
CAGCACCATGGACCCTGTGCAGAAGGCTGTGCTCTCCCACTTTTGGGGACCTTGCTCAAGACCAAG
CGGCCCGTCATTCCTGTAATATCTGTCAAATCCGCTTCAATTCTCAGAGCCAGGCTGAGCGCACTACA
AAGGTAATCGCCACGCCGACGAGTCAAAGGCATTGAGGCTGCCAAGACCAGAGGCAGGGAGCCTGGCGT
CCGAGAACCTGGAGACCCAGCTCCCCAGGCAGCACCCCAACAAATGGGGATGGTGTAGCACCCCGTCCA
GTTTCCATGGAGAATGGACTGGGGCCAGCCCCAGGATCCCCAGAGAAACAGCCTGGCTCCCCATCCCTC
CCAGCATTCCGGAGACTGGTCAGGGTGTAAACCAAGGGTGAAGGGGGGACTCCAGCCCCGGCTTCTTGCC
TGGGGGTAGCAAGGAAGAGGAGGAGAAAGCCAAGCGGCTGCTCTACTGTGCTCTGTGCAAGGTGGCTGTG
AACTCCCTGTCCCAGCTTGAGGCACATAACAAAGGTAAGCACAAGACAATTCTGGAGGCCCGAAGTG
GGCTCGGGCCATCAAAGCTTACCCTCGGCTGGGGCTCCACCCCGGGGAACCAAGGCTCCTGCCCA
GGACCGAACTTTCCTACTGTGAGATCTGCAATGTCAAGGTCAACTCGGAGGTCAAAGTCAAAGAGTCTA
TCCAGCCGGCGGCACCGAGACGGCGTGGCCGGGAAGCCCAACCACTACTGAGCCGTCAAGAAGTCTA
GGGGCGCCGGGAGCTGGCGGGCACGCTGACTTTCTCAAAGGAGCTGCCAAGTCCCTGGCGGGCGGCCT
GCTCCCCAGCCCCCTGGCGGTGGCTGCAGTGATGGCAGCGGCAGCAGGCTCGCCGCTGTCCCTGCGCCCC
GCTCCAGCCGACCTTCTCCAGGGACCGCCGATCACTACCCTCTGCTTACCCTGGCCCCCGGACCCA
TCCGAAGTGCACGGACCCATCTCTTCTCCCGTAC

ACGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG225590 representing NM_001130967
 Red=Cloning site Green=Tags(s)

MILGSLSRAGPLPLLRQPPIMQPPLDLKQILPFPLEPAPTLGLFSNYSTMDPVQKAVLSHTFGGPLLKTK
 RPVISCNICQIRFNSQSQAEAHYKGNRHARRVKGIEAAKTRGREPGVREPDPAPPSTPTNGDGVAPRP
 VSMENGLGPAPGSPEKQPGSPSPSIPETGQGVTKGEGGTPAPASLPGGSKEEEEKAKRLLYCALCKVAV
 NSLSQLEAHNKGTKHKKTILEARSLGPIKAYPRLGPPTPGEPEAPAQDRTFHCEICNVKVNSEVQLKQHI
 SSRHRDGVAGKPNLLSRHKSRGAGELAGTLTFSKELPKSLAGLLPSPLAVAAVMAAAAGSPLSLRP
 APAAPLLQGPPITHPLLHPAPGPIRTAHGPILFSPY

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001130967

ORF Size: 1158 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_001130967.3](#)

RefSeq Size: 2353 bp

RefSeq ORF: 1161 bp

Locus ID: 25946

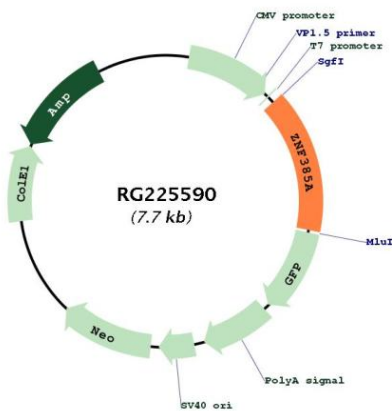
UniProt ID: [Q96PM9](#)

Cytogenetics: 12q13.13

Protein Families: Transcription Factors

Gene Summary: Zinc finger proteins, such as ZNF385A, are regulatory proteins that act as transcription factors, bind single- or double-stranded RNA, or interact with other proteins (Sharma et al., 2004 [PubMed 15527981]).[supplied by OMIM, Oct 2008]

Product images:



Circular map for RG225590