

Product datasheet for **RG237606**

ZNF2 (NM_001291604) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF2 (NM_001291604) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF2
Synonyms:	A1-5; Zfp661; ZNF661
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237606 representing NM_001291604. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGCTGGAGAACTATAACAGCATTGTGTCATTGGACTGGGAACTAAGCCTGAGATTCACGATGCTTCA
GACAAAAATCAGAAGGATCATTGAGGGAATGCCTTGAAGGCAAAGTCCTCTGTGCTCTAAATTTGAA
GTTTCATACACCCAATGGCAGGATGGGAACAGAAAAGCAAAGCCCTTCAGGGGAGACTCGTAAGAAATCC
CTCTCCCGGGACAAAGGCTTGC GCGCAGCGTCAGCCCTGTCCAGGGAAATTCCTACTAAAGAGAGACAC
CAGGAATGCAGTACTGTGGGAAGACCTTTTTGACCACTCATCCCTCACCGCCATCAGAGGACTCAC
ACTGGGAGAAGCCCTACGACTGCCGCGAGTGTGGAAAGCCTTCAGCCACAGGAGCAGCCTCAGCAGA
CATCTGATGTACACACTGGGGAGAGCCCTACGAGTGCAGTGTGTGCTCAAAGCCTTCTTTGACCGT
TCGTCCCTAACTGTCCATCAGCGAATTCACACTGGAGAGAAACCCCTTTCAGTGCAACGAGTGTGGAAAA
GCCTTTTTGACCGTTTCCCTTACTCGACACAGAGAATTCACACTGGAGAAAGTCCCTATGAATGT
CATCAGTGTGGGAAAGCCTTTAGCCAGAAAAGTATTCTTACTCGCCATCAGCTAATCCCACTGGCAGG
AAGCCTTATGAGTGTAAAGAGTGC GGGAAAGCTTTCTATGGTGTCTCGTCTCTGAATAGACATCAGAAA
GCTCATGCTGGGACCCTCGCTATCAGTGTAAAGAGTGTGGCAAAGCTTTCTTTGACCGCTCATCCCTT
ACACAGCATCAGAAGATCCACTGGAGACAAGCCATATGAATGCAGCGAATGCGGGAAAGCCTTTAGC
CAGCGGTGCCGGCTCACGCGCATCAGCGTGTCCACCGGAGAGAAGCCCTTTGAATGCAGTGTGTGT
GGGAAAGTTTTAGTTCAAATCTCTGTTATTCAACATCAACGCGTTACGCCAAACAGGGAATAGAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237606
 Blue=ORF Red=Cloning site Green=Tag(s)

MLENYNSIVSLDWETKPEIHDASDKKSEGLRECLGRQSPLCPKFEVHTPNGRMGTEKQSPSGETRKKSLSRDKGLRRRSALSREILTKERHQECSDCGKTFDFHSSLTRHQRTHTEKPYDCRECGKAFSHRSSLSRHLMSTHGESPYECSVCSKAFFDRSSLTVHQRIHTGEKPFQCNCECGKAFFDRSSLTRHQRHTGESPYECLHQCGKAFSOKSILTRHQLIHTGRKPYECNECGKAFYGVVSSLNRHQKAHAGDPRYQCNECGKAFFDRSSLTQHQKIHTGDKPYECSECGKAFSQRCLTRHQRVHTGEKPFECTVCGKVFSSKSSVIQHQRRYAKQGIDTRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHVMGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEDSVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMFKSAIHPSILQNGGPMFAFRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001291604

ORF Size: 1035 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).

RefSeq: [NM_001291604.2](#)

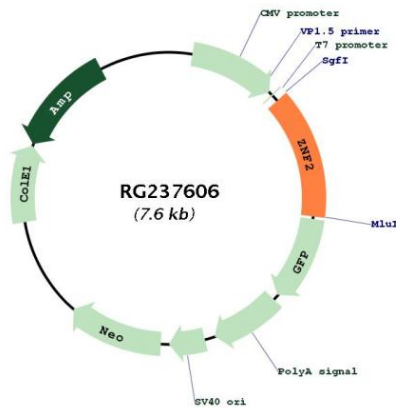
RefSeq Size: 3794 bp

RefSeq ORF: 1038 bp

Locus ID: 7549
Cytogenetics: 2q11.1
Protein Families: Transcription Factors
MW: 40 kDa

Gene Summary: The protein encoded by this gene belongs to the C2H2-type zinc-finger protein family. The exact function of this gene is not known, however, zinc-finger proteins are known to interact with DNA and function as transcription regulators. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2014]

Product images:



Circular map for RG237606