

Product datasheet for **RG234606**

ZNF211 (NM_001265597) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF211 (NM_001265597) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF211
Synonyms:	C2H2-25; CH2H2-25; ZNF-25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG234606 representing NM_001265597
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTCGGGTTCCTCCCGGGTTCGCCCGCAGCTCCCGTCCAGCTCCGCCACAGACTCGGATGGCGACCG
 CACTGAGGGACCCGGCTTCGGTTCATAGCTACAGAGGTGCTTTCAAACCTACACAGGGAAGTGTGAC
 CTTTGAAGATGTGGCGGTACTTCTCCTGGGAGGAATGGGATCTCCTTGATGAGGCTCAGAAACCTG
 TACTTCGATGTGATGCTGGAGAAGTTGCACCTACGTCCTCCCTGGGACTTATATCATCCTGGTCTCATG
 TAGTTGCTCAACTAGGGCTAGGGGAAGTCCCTCTGTTCTTACAGGATGTTTATGACTCCAGCCTCAGC
 AAGATGGGATCAGAGAGGGCCTGGCCTACATGAATGGCACTTGGGAAAAGGCATGTCATCAGGTTGTTGG
 TGTGGAGTGGAAACATGAGGAAACACCTTCTGAACAGAGAATTTCTGGAGAAAGAGTGCCACAGTTCAGGA
 CTTCAAAGAAGGTTTCTTCCAGAATGCCGACTCCTGTGAAATATGTTGCCTGGTCTTGAGAGATAT
 TTTGCACTTGGCTGAACACCAAGGAACAACTGCGGGCAGAACTACACACATGTGAAAACAATTTCTAC
 ATCAGTGCAAATCTTCAACAGCACCAGAGGCAGCACATTACAGAGGCACCTTTCAGAAAGTTATGTGGACA
 CTGCCTCGTTTACACAGAGTTGCATAGTCCATGTGTCGGAGAAACCCCTTACCTGACGGGAGATCAGGAA
 AGACTTCTGGCCAACATGAGGTTTCTCCATCAAGACGCCACTCAAACAGGGGAGAAGCCAAATAACAGT
 AACAAAGTGTGGGTGGCCTTTTACAGTGGAAAAAGTCAACAACTGGGAAAAATGCAGTAAAGCCTTTA
 GCCACATAGACACACTTGTTCAGGACCAGAGAATCCTCACTAGAGAAGGACTTTTTGAGTGCAGTAAATG
 TGGAAAGCATGTACGGAAGATGTAACCTCATTACAGCAGAAAGTCCACAGTGAAGAAAGGCCTTAT
 GAATGCAATGAATGTGGAAAATCTTTACCTACTACTCCAGTTTCATTATACATCAGAGAGTTCATCTG
 GAGAAAAGCCTTATGCGTGCCTGAATGTGGAAAATCGTTTAGTCAGATATACAGCCTCAATAGCCATAG
 GAAAGTTCACACTGGAGAAAGGCCTTATGAATGTGGGAAATGTGGGAAATCTTTTAGCCAAAGTCCAAC
 CTCATGCAGCATCGCAGAGTTCACACTGGAGAAAGGCCTTATGAATGCAGCGAATGTGGGAAATCTTTTA
 GCCAAAATTTAGCCTGATCTACCACCAGAGAGTTCACACTGGAGAAAGACCTCATGAGTGAATGAATG
 TGGAAAATCCTTTAGCCGAAGCTCCAGCCTCATTACCACCGGAGACTTCACACTGGAGAAAGACCCAT
 GAGTGCAGTAAATGTGGGAAGTCAATTAAGCAAAGCTCCAGTTCAGTTCACATCGGAAAGTCCACACAG
 GGGAAAGCCTTATGTGTGTGGGAATGTGGAAAATCCTTTAGCCATAGCTCCAACCTTAAGAACCACCA
 GAGAGTTCACACTGGAGAAAGACCTGTTGAGTGCAGTGAATGTAGCAAATCCTTTAGCTGTAATCTAAC
 CTCATTAACACCTGAGAGTTCACACTGGAGAAAGGCCTTATGAGTGCAGTGAATGTGGGAAATCCTTTA
 GCCAAAGTCTAGCCTCATTCAACACCGCAGAGTTCACACGGGAAAAAGGCCTTATCAGTGCAGTCAATG
 TGGGAAATCCTTTGGCTGCAATCTGTCCTCATTCAACACCAGAGAGTTCACATTGGAGAAAAGCCT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG234606 representing NM_001265597
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MLGFPPGRPQLPVQLRPQTRMATALRDPASVPIATEVLFKLTQGSVTFEDVAVYFSWEEWDLLEDAQKHL
 YFDVMLENFAL TSSLGLISSWSHVVAQLGLGEVPSVLHRMFMPASARWDQRGPLEHWHLGKGMSSGCW
 CGVEHEETPSEQRISGERVVPQFRSKEGSSSQNADSCEICCLVLRDILHLAEHQGTNCGQKLTGKQFY
 ISANLQHQHQHITTEAPFRSYVDTASFTQSCIVHVSEKPFPCREIRKDFLANMRFLHQDATQTGEKPNNS
 NKCAVAFYSGKSHHNWKGCSKAFSHIDTLVQDQIRLTREGLFECSKCGKACTRRCNLIHQHQVHSEERP
 ECNECGKFFTYYSFIIHQRVHTGERPYACPECGKSFQIYSLNSHRKVHTGERPYECGECGKSFQSRN
 LMQHRRVHTGERPYECSECGKSFQNFSLIYHQRVHTGERPHECNECGKSFQSRSSLIHHRRLHTGERPY
 ECCKGKSFQSSSFSSHRKVHTGERPYVCGECGKSFSSSNLKNHQRVHTGERPYECSECKSFQSSN
 LIKHLRVHTGERPYECSECGKSFQSSSLIQRVHTGKRPYQCSQCGKSFQSSVLIHQHQVHIGKEP

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001265597

ORF Size: 1887 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_001265597.3](#)

RefSeq Size: 2668 bp

RefSeq ORF: 1890 bp

Locus ID: 10520

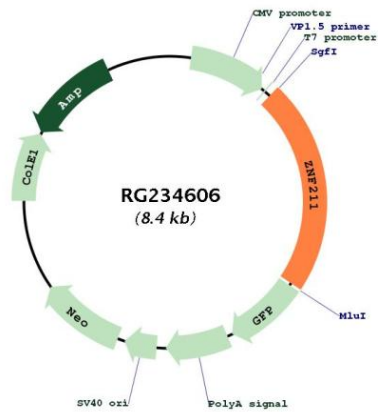
UniProt ID: [Q13398](#)

Cytogenetics: 19q13.43

Protein Families: Transcription Factors

Gene Summary: This gene encodes a protein containing a Kruppel-associated box domain and multiple zinc finger domains. This protein may play a role in developmental processes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]

Product images:



Circular map for RG234606