

Product datasheet for **RG234422**

ZNF211 (NM_001265599) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF211 (NM_001265599) 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:

>RG234422 representing NM_001265599
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGAGAAC**TTTGC**ACTTAC**GTCTC**CTCC**CTGG**ACTTATATCATCCTGGTCTCATGTAGTTGCTCAAC
 TAGGGCTAGGGGAAGTGCCTCTGTTCTT**CAC**AGGATGTT**CATG**ACTCCAGCCTCAGCAAGATGGGATCA
 GAGAGGGCCTGGCCTACATGAATGGCACTTGGGAAAAGGCATGTCATCAGGTTGTTGGTGTGGAGTGGAA
 CATGAGGAAAACCTTCTGAACAGAGAATTTCTGGAGAAAAGAGTGCCACAGTT**CAGG**ACTTCCAAAGAAG
 GTTCATCTTCCAGAA**TGCC**ACTCCTGTGAAATATGTTGCCTGGTCTT**GAG**AGATATTTTGC**ACTT**GGC
 TGAACACCAAGGAACAACTGCGGGCAGAACTACACACATGTGGAAAACAAT**TCTAC**ATCAGTGCAAA**T**
 CTTCAACAGCACCAGAGGCAGCACATTACAGAGGCACCTT**CAGA**AGTTATGTGGACTGCCTCGTTTA
 CACAGAGTTGCATAGTCCATGTGTGGAGAAACCTTTACCTGCAGGGAGATCAGGAAAGACTTCTTGGC
 CAACATGAGGTTTCTCCATCAAGACGCCACTCAACAGGGGAGAAGCCAAATAACAGTAACAAGTGTGCG
 GTGGCCTTTTACAGTGGAAAAAGTCATCACA**ACTGG**GGAAAATGCAGTAAAGCCTTTAGCCACATAGACA
 CACTTGTTCAGGACCAGAGAATCCTCACTAGAGAAGGACTTTTTGAGTGCAGTAAATGTGGGAAAGCATG
 TACGCGAAGATGTAACCTCATT**CAG**CACCAGAAAGTCCACAGTGAAGAAAGGCCTTATGAATGCAATGAA
 TGTGGAAAATCTTTACTACTACTCCAGTTT**CATT**ATACATCAGAGAGTT**CATA**CTGGAGAAAGGCCTT
 ATGCGTGCCTGAATGTGGGAAATCGTTT**AGT**CAGATATACAGCCTCAATAGCCATAGGAAAGTT**CAC**AC
 TGGAGAAAGGCCTTATGAATGTGGGAAATGTGGGAAATCTTTAGCCAAAGGTCCAACCTCATGCAGCAT
 CGCAGAGTT**CAC**ACTGGAGAAAGGCCTTATGAATGCAGCGAATGTGGGAAATCTTTAGCCAAA**ACTTTA**
 GCCTGATCTACCACCAGAGAGTT**CAC**ACTGGAGAAAGACCTCATGAGTGCATGAATGTGGAAA**ACTCTT**
 TAGCCGAAGCTCCAGCCTCATT**CAC**ACCGAGACTT**CAC**ACTGGAGAAAGACCTATGAGTGCAGTAA**A**
 TGTGGGAAAGTCA**TTTA**AGCAAAGCTCCAGCTT**CAGT**TCACATCGGAAAGTCCACACAGGGGAAAGGCCTT
 ATGTGTGTGGGAAATGTGGGAAATCCTTTAGCCATAGCTCCAACCTT**AAGA**ACCACCAGAGAGTT**CAC**AC
 TGGAGAAAGACCTGTTGAGTGCAGTGAATGTAGCAAATCCTTTAGCTGTA**AACT**TAACCTCATTAAACAC
 CTGAGAGTT**CAC**ACTGGAGAAAGGCCTTATGAGTGCAGTGAATGTGGGAAATCCTTTAGCCAAAGTT**TCTA**
 GCCTCATTCAACACCGCAGAGTT**CAC**ACGGGAAAAGGCCTTATCAGTGCAGTCAATGTGGGAAATCCTT
 TGGCTGCAAA**TCTG**CTCATTCAACACCAGAGAGTT**CAC**ATTGGAGAAAAGCCT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG234422 representing NM_001265599
 Red=Cloning site Green=Tags(s)

MLENFALTSSLGLISSWSHVVAQLGLGEVPSVLHRMFMPASARWDQRGPLHEWHLGKGMSSGCWCGVE
 HEETPSEQRISGERVPQFRTSKEGSSSQNADSC**ICCLVLRDILHLAEHQGTNCGQLHTCGKQFYISAN**
 LQQHQ**RQH**ITEAPFRSYVDTASFTQSCIVHVSEKPF**T**CREIRKDFLANMRFLHQDATQTGEKPNNSNKCA
 VAFYSGKSHHNWGKSKAFSHIDTLVQDQ**RIL**TREGLFECSKCGKACTRRCNL**I**QHQKVHSEERP**YECNE**
 CGKFFTYSSFI**I**HQ**R**VHTGERPYACPECGKSF**SQ**IYSLNSHRKVHTGERPYECGECGKSF**SQRS**NLMQH
 RRVHTGERPYECSECGKSF**SQ**NFSLI**Y**HQ**R**VHTGERPHECNECGKSF**SR**SSSLI**H**HRRLHTGERPYEC**SK**
 CGKSFQSSSF**SH**RVHTGERPYVCGECGKSF**SH**SSNLKNHQ**R**VHTGERPV**EC**SECSKSF**SCK**SNLIK**H**
 LR**V**HTGERPYECSECGKSF**SQ**SSSLI**Q**HRRVHTGKRPYQCSQCGKSF**GCK**SVLI**Q**HQ**R**VHIG**KEP**

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001265599

ORF Size: 1665 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_001265599.3](#)

RefSeq Size: 2478 bp

RefSeq ORF: 1668 bp

Locus ID: 10520

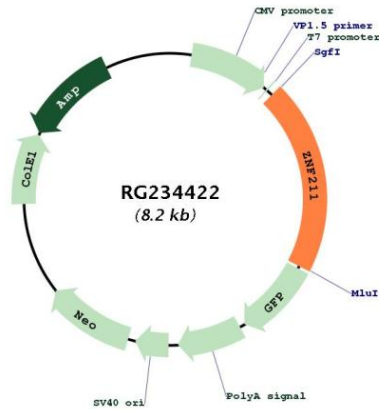
UniProt ID: [Q13398](#)

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 RG234422