

Product datasheet for **RG234573**

ZNF211 (NM_001265598) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF211 (NM_001265598) 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:

>RG234573 representing NM_001265598
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTCGGGTTCCTCCCGGGTTCGCCCGCAGCTCCCGTCCAGCTCCGCCACAGACTCGGATGGCGACCG
 CACTGAGGGACCCGGCTTCGGAAGTGTGACCTTTGAAGATGTGGCCGTGTACTTCTCCTGGGAGGAATG
 GGATCTCCTTGATGAGGCTCAGAAACACCTGTACTTTCGATGTGATGCTGGAGAATTTGCACTTACGTCC
 TCCCTGGGACTTATATCATCCTGGTCTCATGTAGTTGCTCAACTAGGGCTAGGGGAAGTGCCTCTGTTC
 TTCACAGGATGTTTACTGACTCCAGCCTCAGCAAGATGGGATCAGAGAGGGCTGGCTACATGAATGGCA
 CTTGGGAAAAGGCATGTCATCAGGTTGTTGGTGTGGAGTGAACATGAGGAAACACCTTCTGAACAGAGA
 ATTTCTGGAGAAAGAGTGCCACAGTTCAGGACTTCAAAGAAGGTTTCATCTTCCAGAATGCCGACTCCT
 GTGAAATATGTTGCTGTTGAGAGATATTTGCCTTGGCTGAACACCAAGGAACAACTGCGGGCA
 GAAACTACACACATGTGAAAACAATTCTACATCAGTCAAATCTCAACAGCACCAGAGGCAGCACATT
 ACAGAGGCACCTTTCAGAAGTTATGTGGACACTGCCTCGTTTACACAGAGTTGCATAGTCCATGTGTCCG
 AGAAACCTTTACCTGCAGGGAGATCAGGAAAGACTTCTTGCCAAACATGAGGTTTCTCCATCAAGACGC
 CACTCAAACAGGGGAGAAGCCAAATAACAGTAACAAGTGTGCGGTGGCCTTTTACAGTGGAAAAAGTCAT
 CACAACCTGGGAAAAATGCAGTAAAGCCTTTAGCCACATAGACACACTTGTTCAGGACCAGAGAATCCTCA
 CTAGAGAAGGACTTTTTGAGTGCAGTAAATGTGGGAAAGCATGTACGCGAAGATGTAACCTCATTAGCA
 CCAGAAAGTCCACAGTGAAGAAAGGCCTTATGAATGCAATGAATGTGGAAAAATCTTTACCTACTACTCC
 AGTTTTATTATACATCAGAGAGTTCATACTGGAGAAAGGCCTTATGCGTGCCTGAATGTGGGAAATCGT
 TTAGTCAGATATACAGCCTCAATAGCCATAGGAAAGTTCACACTGGAGAAAGGCCTTATGAATGTGGGAA
 ATGTGGGAAATCTTTTAGCCAAAGTCCAACTCATGCAGCATCGCAGAGTTCACACTGGAGAAAGGCCT
 TATGAATGCAGCGAATGTGGGAAATCTTTAGCCAAAACCTTAGCCTGATCTACCACCAGAGAGTTCACA
 CTGGAGAAAGACCTCATGAGTGAATGAATGTGGAAAAATCTTTAGCCGAAAGCTCCAGCCTCATTACCA
 CCGGAGACTTCACACTGGAGAAAGACCCTATGAGTGCAGTAAATGTGGGAAAGTCAATTAAGCAAAGCTCC
 AGCTTCAGTTCACATCGGAAAGTCCACACAGGGGAAAGGCCTTATGTGTGGGAAATGTGGGAAATCCT
 TTAGCCATAGCTCAAACCTTAAGAACCACCAGAGAGTTCACACTGGAGAAAGACCTGTTGAGTGCAGTGA
 ATGTAGCAAATCCTTTAGCTGTAATCTAACCTCATTAAACACCTGAGAGTTCACACTGGAGAAAGGCCT
 TATGAGTGCAGTGAATGTGGGAAATCCTTTAGCCAAAGTCTAGCCTCATTCAACACCGCAGAGTTCACA
 CCGGAAAAAGGCCTTATCAGTGCAGTCAATGTGGGAAATCCTTTGGCTGCAAATCTGTCTCATTCAACA
 CCAGAGAGTTCACATTGGAGAAAGCCT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG234573 representing NM_001265598
 Red=Cloning site Green=Tags(s)

MLGFPPGRPQLPVQLRPQTRMATALRDPASGSVTFEDVAVYFVSWEEWDLLEAQKHLVFDVMLENFALTS
 SLGLISSWSHVVAQLGLGEVPSVLHRMFMPASARWDQRGPLEHEWHLGKGMSSGCWCGVEHEETPSEQR
 ISGERVPQFRTSKEGSSSQNADSCIEICCLVLRDILHLAEHQGTNCGKQLHTCGKQFYISANLQQHQHQHI
 TEAPFRSYVDASFTQSCIVHVSEKPFTRCIRKDFLANMRFLHQDATQTGEKPNNSNKCAVAFYSGKSH
 HNWGKCSKAFSHIDTLVQDQRILTREGLFECSKCGKACTRRCNLIQHQKVHSEERPVECNCGKFFTYYS
 SFIHQRVHTGERPYACPECGKSFQIYSLNSHRKVHTGERPYECGECGKSFQSRSNLMQHRRVHTGERP
 YECSECGKSFQNFSLIYHQRVHTGERPHECNCGKSFSSSLIHHRLHTGERPYECSKCGKSFQSS
 SFSSHRKVHTGERPYVCGECGKSFSSSNLKNHQRVHTGERPVECECSKSFSSCKSNLIKHLRVHTGERP
 YECSECGKSFQSSSLIQRVHTGKRPYQCSQCGKSFSGKSVLIHQHQVHIGEPK

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001265598

ORF Size: 1848 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_001265598.2](#)

RefSeq Size: 2629 bp

RefSeq ORF: 1851 bp

Locus ID: 10520

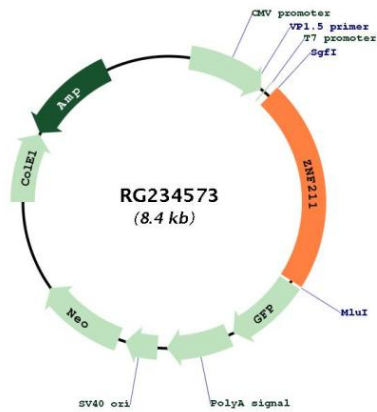
UniProt ID: [Q13398](#)

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 RG234573