

Product datasheet for **RG234307**

ZNF211 (NM_001265600) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF211 (NM_001265600) 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:

>RG234307 representing NM_001265600
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTGGAGAACTTTGCACCTACGTCCTCCCTGGTTGTTGGTGTGGAGTGAACATGAGGAAACACCTT
 CTGAACAGAGAATTTCTGGAGAAAGAGTGCCACAGTTCAGGACTTCCAAAGAAGGTTTCATCTCCAGAA
 TGCCGACTCCTGTGAAATATGTTGCCTGGTCTTGAGAGATATTTTGCACCTGGCTGAACACCAAGGAACA
 AACTGCGGGCAGAACTACACACATGTGAAAACAATTCTACATCAGTGCAAATCTTCAACAGCACCAGA
 GGCAGCACATTACAGAGGCACCTTTCAGAAGTTATGTGGACACTGCCTCGTTTACACAGAGTTGCATAGT
 CCATGTGTCGGAGAAACCCTTTACCTGCAGGGAGATCAGGAAAGACTTCTGGCCAACATGAGGTTTCTC
 CATCAAGACGCCACTCAAACAGGGGAGAAGCCAAATAACAGTAACAAGTGTGCGGTGGCCTTTTACAGTG
 GAAAAAGTCATCACAACGGGAAAATGCAGTAAAGCCTTTAGCCACATAGACACACTTGTTCAGGACCA
 GAGAATCCTCACTAGAGAAGGACTTTTTGAGTGCAGTAAATGTGGAAAGCATGTACGCGAAGATGTAAC
 CTATTACAGCACCAGAAAGTCCACAGTGAAGAAAGGCCTTATGAATGCAATGAATGTGAAAAATCTTTA
 CCTACTACTCCAGTTTCATTATACATCAGAGAGTTCATACTGGAGAAAGGCCTTATGCGTGCCCTGAATG
 TGGGAAATCGTTTAGTCAGATATACAGCCTCAATAGCCATAGGAAAGTTCACACTGGAGAAAGGCCTTAT
 GAATGTGGGGAATGTGGGAAATCTTTTAGCCAAAGGTCCAACCTCATGCAGCATCGCAGAGTTTACACTG
 GAGAAAGGCCTTATGAATGCAGCGAATGTGGGAAATCTTTTAGCCAAAACCTTTAGCCTGATCTACCACCA
 GAGAGTTCACACTGGAGAAAGACCTCATGAGTGAATGAATGTGGAAATCCTTTAGCCGAAGCTCCAGC
 CTCATTCACCACCGGAGACTTCACACTGGAGAAAGACCCTATGAGTGCAGTAAATGTGGGAAAGTTCATTA
 AGCAAAGCTCCAGCTTCAGTTCACATCGGAAAGTCCACACAGGGGAAAGGCCTTATGTGTGTGGGAAAT
 TGGGAAATCCTTTAGCCATAGCTCCAACCTTAAAGAACCCAGAGAGTTCACACTGGAGAAAGACCTGTT
 GAGTGCAGTGAATGTAGCAAATCCTTTAGCTGTAATCTAACCTATTAAACACCTGAGAGTTCACACTG
 GAGAAAGGCCTTATGAGTGCAGTGAATGTGGGAAATCCTTTAGCCAAAGTCTAGCCTCATTCAACACCG
 CAGAGTTCACACGGGAAAAGGCCTTATCAGTGCAGTCAATGTGGGAAATCCTTTGGCTGCAAAATCTGTC
 CTCATTCAACACCAGAGAGTTCACATTGGAGAAAAGCCT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG234307 representing NM_001265600
 Red=Cloning site Green=Tags(s)

MLENFALTSSSLGCWCVEHEETPSEQRISGERVPQFRTSKEGSSSQNADSCIEICCLVLRDILHLAEHQGT
 NCGQKLHTCGKQFYISANLQQHQHQHITEAPFRSYVDTASFTQSCIVHVSEKPFTEIRKDFLANMRFL
 HQDATQTGEKPNNSNKCAVAFYSGKSHHNWKGCSKAFSHIDTLVQDQRILTREGLFECCKGKACTRRCN
 LIQHQQVHSEERPYECECGKFFTYYSFIIHQRVHTGERPYACPECGKSFQIYSLNSHRKVHTGERPY
 ECGECGKSFQRSNLMQHRRVHTGERPYECSECGKSFQNFSLIYHQRVHTGERPHECNECGKSFSSSS
 LIHHRRLHTGERPYECSKCGKSFQSSSFSSHRKVHTGERPYVCGECGKSFSSSNLKNHQRVHTGERPV
 ECSECSKSFCKSNLIKHLRVHTGERPYECSECGKSFQSSSLIQHRRVHTGKRPYQCSQCGKSFQCKSV
 LIQHQRVHIGKPK

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001265600

ORF Size: 1509 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_001265600.3](#)

RefSeq Size: 2283 bp

RefSeq ORF: 1512 bp

Locus ID: 10520

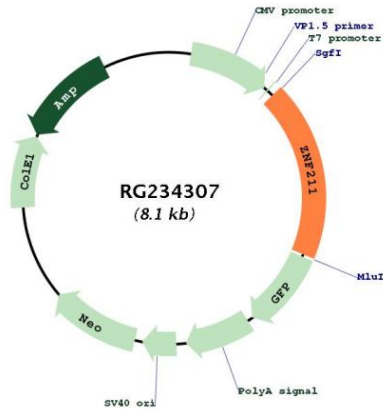
UniProt ID: [Q13398](#)

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 RG234307