

Product datasheet for **RG213336**

ZNF211 (NM_006385) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF211 (NM_006385) 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:

>RG213336 representing NM_006385
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTCGGGTTCCTCCCGGGTTCGCCCGAGCTCCCGTCCAGCTCCGCCACAGACTCGGATGGCGACCG
 CACTGAGGGACCCGGCTTCGGTTCATAGCTACAGAGGTGCTTTCAAACCTACACAGGGAAGTGTGAC
 CTTTGAAGATGTGGCCGTACTTCTCCTGGGAGGAATGGGATCTCCTTGATGAGGCTCAGAAAACCTG
 TACTTCGATGTGATGCTGGAGAATTTGCACCTACGTCCTCCCTGGGTTGTTGGTGTGGAGTGGAAACATG
 AGGAAACACCTTCTGAACAGAGAATTTCTGGAGAAAGAGTGCCACAGTTCAGGACTTCAAAGAAGGTTT
 ATCTTCCAGAATGCCGACTCCTGTGAAATATGTTGCCTGGTCTTGAGAGATATTTGCACCTGGCTGAA
 CACCAAGGAACAACTGCGGGCAGAACTACACACATGTGAAAACAATTCTACATCAGTGCAAATCTTC
 AACAGCACCAGAGGCAGCACATTACAGAGGCACCTTTCAGAAGTTATGTGGACACTGCCTCGTTTACACA
 GAGTTGCATAGTCCATGTGTCGGAGAAACCTTACCTGCAGGGAGATCAGGAAAGACTTCTGGCCAAC
 ATGAGGTTTCTCCATCAAGACGCCACTCAAACAGGGGAGAAGCCAAATAACAGTAACAAGTGTGCGGTGG
 CCTTTTACAGTGGAAAAAGTCATCACAACTGGGAAAAATGCAGTAAAGCCTTTAGCCACATAGACACACT
 TGTTTCAGGACCAGAGAATCCTCACTAGAGAAGGACTTTTTGAGTGCAGTAAATGTGGGAAAGCATGTACG
 CGAAGATGTAACCTATTCAGCACCAGAAAAGTCCACAGTGAAGAAAGGCCTTATGAATGCAATGAATGTG
 GAAAAATCTTTACCTACTACTCCAGTTTCATTATACATCAGAGAGTTCATACTGGAGAAAGGCCTTATGC
 GTGCCCTGAATGTGGGAAATCGTTTAGTCAGATATACAGCCTCAATAGCCATAGGAAAGTTCACACTGGA
 GAAAGGCCTTATGAATGTGGGAAATGTGGGAAATCTTTTAGCCAAAGTCCAACCTCATGCAGCATCGCA
 GAGTTCACACTGGAGAAAGGCCTTATGAATGCAGCGAATGTGGGAAATCTTTTAGCCAAACTTTAGCCT
 GATCTACCACCAGAGAGTTCACACTGGAGAAAGACCTCATGAGTGAATGAATGTGGAAAAATCCTTTAGC
 CGAAGCTCCAGCCTCATTACCACCGGAGACTTACACTGGAGAAAGACCCTATGAGTGCAGTAAATGTG
 GGAAGTCATTTAAGCAAAGCTCCAGCTTCACTCAGTTCACATCGGAAAGTCCACACAGGGGAAAGGCCTTATG
 GTGTGGGAAATGTGGGAAATCCTTTAGCCATAGCTCCAACCTTAAGAACCACCAGAGAGTTCACACTGGA
 GAAAGACCTGTTGAGTGCAGTGAATGTAGCAAATCCTTTAGCTGTAATCTAACCTCATTAAACACCTGA
 GAGTTCACACTGGAGAAAGGCCTTATGAGTGCAGTGAATGTGGGAAATCCTTTAGCCAAAGTTCAGCCT
 CATTCAACACCGCAGAGTTCACACGGGAAAAAGGCCTTATCAGTGCAGTCAATGTGGGAAATCCTTTGGC
 TGCAAATCTGTCCTCATTCAACACCAGAGATTACATTGGAGAAAGCCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG213336 representing NM_006385
 Red=Cloning site Green=Tags(s)

MLGFPPGRPQLPVQLRPQTRMATALRDPASVPIATEVLFKLTQGSVTFEDVAVYFSWEEWDLLEAQKHL
 YFDVMLENFALTSGLGCWCGVEHEETPSEQRISGERVPQFRSKEGSSSQNADSCIEICCLVLRDILHLAE
 HQGTNCGQKLHTCGKQFYISANLQQHQHQHITEAPFRSYVDTASFTQSCIVHVSEKPFCTREIRKDFLAN
 MRFLHQDATQTGEKPNNSNKCAVAFYSGKSHHNWKGKSKAFSHIDTLVQDQRILTREGLFECSKCGKACT
 RRCNLIQHQKVHSEERPPECNECGKFFTYSSFIHQRVHTGERPYACECGKSFQIYSLNSHRKVHTG
 ERPYECGECGKSFQSRNLMQHRRVHTGERPYECSECGKSFQNFSLIYHQRVHTGERPHECNECGKSF
 RSSSLIHHRLHTGERPYECCKGKSFQSSSFSSHRKVHTGERPYVCGECGKSFSSSNLKNHQRVHTG
 ERPVECECKSFCKSNLIKHLRVHTGERPYECSECGKSFQSSSLIQHRRVHTGKRPYQCSQCGKSF
 CKSVLIHQRVHIGKPK

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

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:	<ol style="list-style-type: none">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_006385.5
RefSeq Size:	2469 bp
RefSeq ORF:	1734 bp
Locus ID:	10520
UniProt ID:	Q13398
Cytogenetics:	19q13.43
Domains:	zf-C2H2
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]