

Product datasheet for **RG218784**

ZNF211 (NM_198855) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF211 (NM_198855) 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:

>RG218784 representing NM_198855
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTCGGGTTCCTCCCGGGTTCGCCCGAGCTCCCGTCCAGCTCCGCCACAGACTCGGATGGCGACCG
 CACTGAGGGACCCGGCTTCGGAAGTGTGACCTTTGAAGATGTGGCCGTGTACTTCTCTGGGAGGAATG
 GGATCTCCTTGATGAGGCTCAGAAACACCTGTAAGTTCGATGTGATGCTGGAGAATTTGCACTTACGTCC
 TCCTGGGTTGTTGGTGTGGAGTGAACATGAGGAAACACCTTCTGAACAGAGAATTTCTGGAGAAAGAG
 TGCCACAGTTCAGGACTTCAAAGAAGGTTTCATCTCCAGAAATGCCGACTCCTGTGAAATATGTTGCCT
 GGTCTTGAGAGATATTTGCACTTGGCTGAACACCAAGGAACAACTGCGGGCAGAACTACACACATGT
 GGAACAATTCTACATCAGTCAAATCTCAACAGCACCAGAGGCAGCACATTACAGAGGCACCTTTCA
 GAAGTTATGTGGACTGCCTCGTTTACACAGAGTTGCATAGTCCATGTGTGGAGAAACCTTTACCTG
 CAGGGAGATCAGGAAAGACTTCTGGCCAAATGAGGTTTCTCCATCAAGACGCCACTCAAACAGGGGAG
 AAGCCAAATAACAGTAACAAGTGTGCGGTGGCCTTTTACAGTGGAAAAAGTCATCACAACGGGGAAAT
 GCAGTAAAGCCTTTAGCCACATAGACACACTTGTTCAGGACCAGAGAATCCTCACTAGAGAAGGACTTTT
 TGAGTGCAGTAAATGTGGAAAGCATGTACGCGAAGATGTAACCTCATTACAGCACCAGAAAGTCCACAGT
 GAAGAAAGGCCTTATGAATGCAATGAATGTGGAAAATCTTTACCTACTACTCCAGTTTCATTATACATC
 AGAGAGTTCATACTGGAGAAAGGCCTTATGCGTGCCCTGAATGTGGGAAATCGTTTAGTCAGATATACAG
 CCTCAATAGCCATAGGAAAGTTCACACTGGAGAAAGGCCTTATGAATGTGGGAAATGTGGGAAATCTTT
 AGCCAAAGGTCCAACCTCATGCAGCATCGCAGAGTTCACACTGGAGAAAGGCCTTATGAATGCAGCGAAT
 GTGGGAAATCTTTAGCCAAAATTTAGCCTGATCTACCACCAGAGAGTTCACACTGGAGAAAGGCCTCA
 TGAGTGAATGAATGTGGAAAATCTTTAGCCGAAAGTCCAGCCTCATTACCACCGAGACTTCACACT
 GGAGAAAGACCCTATGAGTGCAGTAAATGTGGGAAAGTCAATTAAGCAAAGCTCCAGCTTCAGTTCACATC
 GGAAAGTCCACACAGGGAAAGGCCTTATGTGTGTGGGAAATGTGGGAAATCCTTTAGCCATAGCTCCAA
 CCTTAAGAACCACCAGAGAGTTCACACTGGAGAAAGACCTGTTGAGTGCAGTGAATGTAGCAAATCCTTT
 AGCTGTAAATCTAACCTCATTAAACACCTGAGAGTTCACACTGGAGAAAGGCCTTATGAGTGCAGTGAAT
 GTGGGAAATCCTTTAGCCAAAGTCTAGCCTCATTCAACACCGCAGAGTTCACACGGGAAAAGGCCTTA
 TCAGTGCAGTCAATGTGGGAAATCCTTTGGCTGCAAATCTGTCTCATTCAACACCAGAGAGTTCACATT
 GGAGAAAAGCCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG218784 representing NM_198855
 Red=Cloning site Green=Tags(s)

MLGFPPGRPQLPVQLRPQTRMATALRDPASGSVTFEDVAVYFSWEEWDLLEDAQKHLVFDVMLENFALTS
 SLGCWCGVEHEETPSEQRISGERVPQFRTSKEGSSSQNADSCEICCLVLRDILHLAEHQGTNCGQKLHTC
 GKQFYISANLQQHQHQHITEAPFRSYVDASFTQSCIVHVSEKPFPCREIRKDFLANMRFLHQDATQTGE
 KPNNNSNKCAVAFYSGKSHHNWKGCSKAFSHIDTLVQDQRILTREGLFECSKCGKACTRRCNLIQHQKVHS
 EERPYECECGKFFTYSSFIHQRVHTGERPYACPECGKSFQIYSLNSHRKVHTGERPYECGECGKSF
 SQRSNLMQHRRVHTGERPYECSECGKSFQNFSLIYHQRVHTGERPHECNECGKSFSSSSLIHRRRLHT
 GERPYECSKCGKSFQSSFSHRKVHTGERPYVCGECGKSFSSSNLKNHQRVHTGERPYECSECSKSF
 SCKSNLIKHLRVHTGERPYECSECGKSFSSSLIQHRRVHTGKRPYQCSQCGKSFSGCKSVLIHQRVHI
 GEKP

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-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_198855.4
RefSeq Size:	2473 bp
RefSeq ORF:	1695 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]