

Product datasheet for **RG237421**

zinc finger protein 138 (ZNF138) (NM_001271639) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	zinc finger protein 138 (ZNF138) (NM_001271639) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	zinc finger protein 138
Synonyms:	pHZ-32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237421 representing NM_001271639. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGGACCACTGACATTTATGGATGTGGCCATAGAGTTCTCTTTGGAGGAGTGGCAGTGCCTGGACACT
GCACAGCGGAATGTATATAGGCATGTGATGTTAGAGA ACTACAGAAACCTGGTTTTCTTGACCTGATT
ACCTGTCTGGAACAAGGAAAAGAGCCCTGGAATATGAAGAGACATGAGATGGTGGTAGCCAAACATTCA
GCTCTGTGTTCTCGTTTTGCCAAGACCTTTGGCTAGAGCAGAACATAAAAAGATTCTTTCCAAAAAGTG
ACACTGAGCAGATATGGAAAATATGGACATAAGAATTTACAGTTAAGAAAAGGCTGTAAAAGTGTGGAT
GAGTGTAAAGGACACCAAGGAGTTATAATGGACTTAACCAATGTTTGAAAATTACCACAAGCAAAATA
TTTCAATGTAATAAATATGTAAAAGTCATGCATAAATTTTCAAATTCAAATAGACACAAGATAAGACAT
ACTGAAAATAAACATTTTCAGATGTAAAGAATGTGACAAATCACTTTGCATGCTTTTCACGCCTAACTCAA
CATAAAAAAATTCATACTAGAGAGAATTTCTACAAATGTGAAGAGTGTGGAAAAACCTTTAACTGGTCC
ACAAACCTTTCTAAACCTAAGAAAATTCATACTGGAGAAAAACCTACAAATGTGAAGTATGTGGAAAA
GCCTTTCACCAATCCTCAATCCTTACTAAACATAAGATAAATTCGTA CTGGAGAAAAACCTATAAATGT
GCACACTGTGGCAAAGCCTTTAAACAGTCCTCACACCTTACTAGACATAAGATAATTCATACTGAAGAG
AAACCTACAAATGTGAACAATGTGGCAAGTCTTTAAGCAGTCCCAACCTTACTAAACATCAGATA
ATTTATACTGGAGAGGAACCATACAAATGTGAGGAATGTGGCAAAGCTTTTAACCTATCT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG237421
 Blue=ORF Red=Cloning site Green=Tag(s)

MGPLTFMDVAIEFSL EEWQCLDTAQRNVYRHVMLENYRNLVFLDLITCLEQGKEPWNMKRHEMVAKHS
 ALCSRFAQDLWLEQNIKDSFQKVTLSRYGKYGHKNLQLRKGCKSVDECKGHQGGYNGLNQCLKITTSKI
 FQCNKYVKVMHKFSNSNRHKIRHTENKHFRCCKEDKSLCMLSRLTQHKKIHTRENFYKCEECGKTFNWS
 TNLSPKKIHTGEKPYKCEVCGKAFHQSSILTKHKIIRTGEKPYKCAHCGKAFKQSSHLTRHKIHTTEE
 KPYKCEQCGKVFQSPRTLKHQIITYGEEPYKCEECGKAFNLS
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001271639

ORF Size: 957 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).

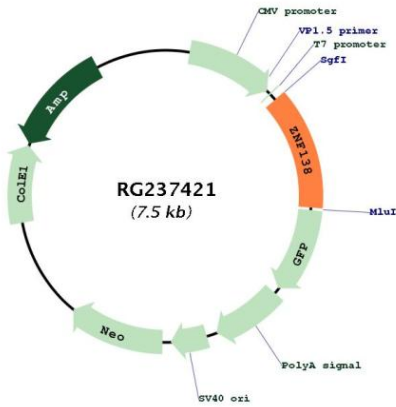
RefSeq: [NM_001271639.1](#), [NP_001258568.1](#)

RefSeq Size: 2620 bp

RefSeq ORF: 960 bp

Locus ID: 7697
 Cytogenetics: 7q11.21
 Protein Families: Transcription Factors
 MW: 37.9 kDa
 Gene Summary: May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG237421