

Product datasheet for **RG237789**

ZNF707 (NM_001288806) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF707 (NM_001288806) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF707
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237789 representing NM_001288806. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCCCAGGAGCCAGTGACCTTCAGGGACGTGGCCATCTACTTCTCAAGGGAGGAGTGGGCGTGTCTG
GAACCCAGCCAGAGGGCCCTCTACCGGGACGTGATGCTGGACAATTCAGCAGTGTGGCTGCTCTGGGA
TTTTGCAGCCCCAGACCAGACCTCGTCTCTCGCTGGAACAGTGGGAGGAGCCGTGGGTTGAAGACCGG
GAGAGACCTGAGTTCCAGGCAGTGCAGAGGGGACCCCGCCAGGGGAAGGAAGTCTGCAGACCCCAAG
AGACATTGTGATCATCCAGCTTGGGCTCACAAGAAAACCCACGTGCGGCGAGAAAGAGCCAGGGAAGGA
AGCAGCTTTAGGAAGGGCTTCAGGCTGGACACGGATGACGGGCAGCTTCCAGAGCTGCTCCAGAAAGG
ACAGACGCCAAGCCACGGCTTTCCCGTGTGAGGTGCTCACGCAGCGTTGTGGGCGCGGCCGGCCGCGC
AGAGAGCGCCGGAAGCAGCGCGCAGTAGAGCTGTGTTTCTGCGGCACGTGCGGGAAGGCGCTCAGC
TGCCACAGCCGGCTGCTCGCTCACCAGACGGTGCACACGGGAACCAAGGCCTTCGAGTGCCCGGAGTGC
GGCCAGACCTTCCGGTGGGCTTCAAACCTGCAGCGCCACCAGAAGAACCACGCGCGAGAAGCCCTTC
TGCTGCGAGGCCCTGCGGGCAGGCGTTGAGCCTGAAGGACCGCCTGGCTCAGCACCGCAAGGTCCACACC
GAGCACAGGCCCTACTCGTGTGGCGACTGTGGAAAGCCTTCAAGCAGAAGTCCAACCTTCTCAGACAC
CAGCTGGTGCACACCGGGGAGCGGCCGTTCTACTGCGCGGACTGCGGCAAAGCCTTCCGGACCAAGGAG
AACCTCAGCCACCACCAGAGGGTCCACAGCGGGGAGAAGCCCTACACCTGTGCCGAGTGCAGCAAGTCC
TTCCGGTGGCCCAAGGGCTTCAGCATCCACCGGAGGCTGCACCTGACGAAGAGGTTCTACGAGTGCAGGC
CACTGTGGGAAAGGCTTCCGTACCTGGGGTCTTACGCGGCATCAGAGGACTCACAGGCACGGGGAG
GTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



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Protein Sequence: >Peptide sequence encoded by RG237789
 Blue=ORF Red=Cloning site Green=Tag(s)

MAQEPVTRFDVAIYFSREEWACLEPSQRALYRDVMLDNFSSVAALGFCSPRPDLVSRLEQWEEPWVEDR
 ERPEFQAVQGRPRPGARKSADPKRHCDDHPAWAHKKTHTVRRERAREGSSFRKGFRLDIDDGQLPRAAPER
 TDAKPTAFPCQVLTQRCGRRPGRERRRQRAVELSFCGTGKALSCHSRLLAHQTVHTGKAFECPEC
 GQTFRWASNLQRHQKNHTREKPFCEACGQAFSLKDRLAQHRKVHTEHRPYSCGDCGKAFKQKSNLLRH
 QLVHTGERPFYCADCGKAFRTKENLSHHQVRVHSGEKPYTCAECGKSFRWPKGFSIHRRLHLTKRFYECG
 HCGKGRHLGFFTRHQRTHRHEV
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001288806

ORF Size: 1107 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.

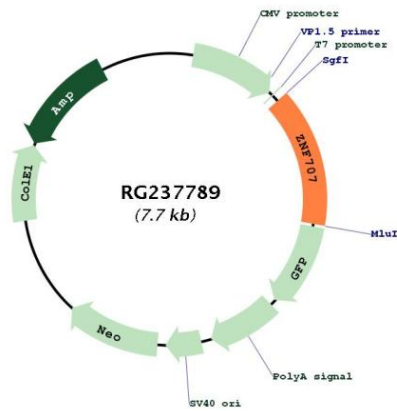
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq Size: 2228 bp

RefSeq ORF: 1116 bp

Locus ID: 286075
UniProt ID: [Q96C28](#)
Cytogenetics: 8q24.3
Protein Families: Transcription Factors
MW: 42.9 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG237789