

## Product datasheet for **RG209664**

### ZNF787 (NM\_001002836) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF787 (NM_001002836) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF787
Synonyms:	TIP20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG209664 representing NM_001002836 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGCTGCGGGAAGAAGCCTGGTCTCCGGGGCCGCTGGATTCTGAGGACCAGCAGATGGCCAGTCACG  
AGAACCCAGTGGACATCCTCATCATGGATGATGACGACGTCCCCAGCTGGCCTCCCACCAAGCTGTCCCC  
GCCCCAGTCTGCGCCCCAGCCGGCCCGCTCCCCGGCCGCGCCGCCGCCCTACATCTGCAACGAG  
TGTGGCAAGAGCTTTAGCCACTGGTCCAAGCTGACGCGGCACCAGCGCACGCACCCGGGAGCGGCCCA  
ACGCTGCGCCGACTGCGGCAAGACCTTCTCGCAGAGCTCGCACCTGGTGCAGCACCCGGCGCATCCACAC  
GGCGGAGAAGCCCTACGCTGCTTGGAGTGCGGCAAGCGCTTCAGCTGGAGCTCCAACCTCATGCAGCAC  
CAGCGCATCCACACGGGGGAGAAGCCCTACACCTGCCCGGACTGCGGCCGAGCTTCACTCAGAGCAAGA  
GCCTGGCCAAGCACCGGCGCTCGCACAGCGGCCTCAAGCCCTTCGTGTGCCCGCGCTGCGGCCGCGGCTT  
CAGCCAGCCCAAGAGCCTCGCGGCTCACCTGCGGCTGCACCCGGAGCTGTGCGGGCCTGGCGTGGCGGCC  
AAGGTGCTGGCGGCTAGCGTCCGGCGGGCAAGGGGCCGAAGAGGCGGTGGCGGCGACGGCGAGATCG  
CCATCCCCGTGGGCGATGGCGAGGGCATCATCGTGGTGGCGCGCCGGGCGAGGGGGCCGCGGCCGCGG  
AGCCATGGCGGGCGGGGGCAAAGGCCGCGGGGCCCGGTGCGGCGCGCCCGGCCCAAGCCGTAC  
GTGTGTCTGGAGTGCGGGAAGGGCTTCGGGCACGGGGCCGGCTCCTGGCGCACCAGCGGGCCAGCAG  
GGGACGGGCTCGGGGCGCGGGGGCGAGGAGCCGGCCACATCTGCGTGGAGTGCGGGGAGGGCTTCGT  
GCAGGGCGCCGCGCTCCGGAGACACAAGAAGATCCACGCGGTGGCGCGCCCTCGGTCTGCAGCAGCTGC  
GGACAGAGCTACTACCGCGGGGCGGGAGGAGGAGCAGCAGCAGCAGGCGCGGGCGGGCGGTGCC  
CCGAGTGCCGCGCTGGGAGGGCCGG

**ACGCGT**ACGCGGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG209664 representing NM\_001002836  
 Red=Cloning site Green=Tags(s)

MELREEAWSPGPLDSEDQQMASHENPVDILIMDDDDVPSWPPTKLSPPQSAPPAGPPRRPPAPYICNE  
 CGKSF SHWSKL TRHQRHTGERPNACADCGKTF SQSSHLVQHRR IHTGEKPYACLECGKRF SWSSNLMQH  
 QRIHTGEKPYTCPDCGRSFTQSKSLAKHRRSHSGLKPFVCPRCGRGFSQPKSLARHLRLHPELSGPGVAA  
 KVLAASVRRRAKGPEEAVAADGEIAIPVGDGEGII VVGAPGEGAAAAAAMAGAKAAGPRRRAPAPKY  
 VCLECGKFGHGAGLLAHQRAQHGDGLGAAGGEEPAHICVECGEGFVQGAALRRHKKIHAVGAPSVCS  
 GQSYRAGGEEEDDDDEAAGGRCPECRAGEGR

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001002836

**ORF Size:** 1146 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\\_001002836.1](#), [NP\\_001002836.1](#)

**RefSeq Size:** 1973 bp

**RefSeq ORF:** 1149 bp

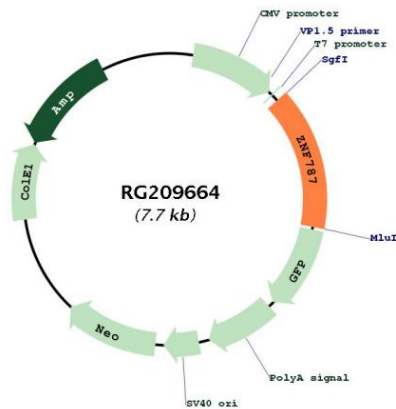
**Locus ID:** 126208

**UniProt ID:** [Q6DD87](#)

**Cytogenetics:** 19q13.43

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RG209664