

Product datasheet for **RG219057**

ZNF667 (NM_022103) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZNF667
Synonyms:	MIPU1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG219057 representing NM_022103
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCTTCTGCACGGGGAAATCCAATCCAAGGCACCTATAACATTTGGGGACTTAGCCATCTACTTCT
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 TCAGCGCACATCTCTTATTCTACATGAAAGAGTCATACTGGAGAGAAACCTATGAATGTAATGAATGT
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAA

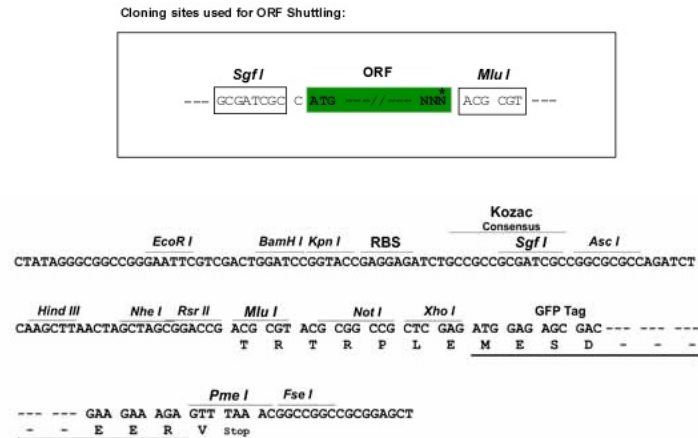
Protein Sequence: >RG219057 representing NM_022103
 Red=Cloning site Green=Tags(s)

MPSARGKSKSKAPITFGDLAIYFSQEEWEWLSPIQKDLIEDVMLENYRNVLVSLGLSFRPNVITLLEK GK
 APWMVEPVRRRRAPDSGSKCETKKLPNQC�KSGQSIQKLVSAQQKAPTRKSGCNKNSVLVKKKGHPG
 KKPLKCNDGKTFRSFSLKLHQNIHTGEKPFEC SNCRKAFRQISSILLHQRIHSGKKSHECNKCGESFN
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 RIHTEDRPYECDCGKAFSQAHLAQHERIHTGEKPYTCKTCGKAFSQRSTLILHERSHTGEKPYECNEC
 GKAFSSGSDLIRHQRSHSSEKPYECSKCGKAYGRSSSLIRHQNTHSEEKA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_022103

ORF Size: 1830 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:

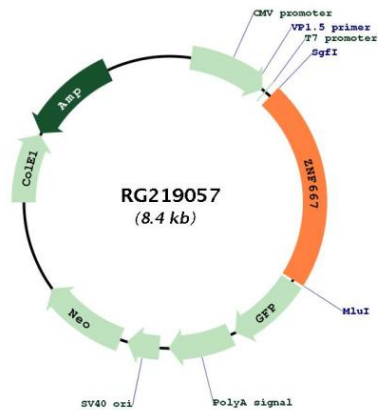
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_022103.2](#), [NP_071386.2](#)

RefSeq Size:	3336 bp
RefSeq ORF:	1833 bp
Locus ID:	63934
UniProt ID:	Q5HYK9
Cytogenetics:	19q13.43
Domains:	zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG219057