

Product datasheet for **MG216922**

Zfp787 (NM_001013012) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zfp787 (NM_001013012) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Zfp787
Synonyms: 2210018M03Rik; Znf787
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG216922 representing NM_001013012
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGCTTCGAGAAGAAGCTTGGTCTCCGGGGCCACTGGATTCTGAGGACCAGCAGATGGCCAGTCATG
 AGAACCCAGTGGACATCCTCATCATGGATGACGATGACGTCCCCAGCTGGCCCCGACCAAGCTGTCCCC
 ACCCCAGTCTGCACCTCCTCTGGGCCCGCCAGGCCGCGGCCACCAGCACCCACATCTGCACTGAG
 TGTGGCAAAGCTTCAGCCACTGGTCGAAGCTGACACGACACCAGCGCACGCACAGGCGAGCGGCCCA
 ATGCCTGTACCGACTGCGGCAAGACCTTCTCGCAGAGCTCGCATTGGTGCAGCACCGGCGCATCCACAC
 AGGCGAGAAGCCATATGCCTGCTCAGAGTGCGGCAAGCGCTTTAGCTGGAGCTCCAACTCATGCAGCAC
 CAGCGCATCCACACGGGGGAGAAGCCTTATACTTGCCCGGACTGCGGCCGAGCTTCACACAGAGCAAGA
 GCCTAGCCAAGCACCGGCGCTCCACAGTGGTTTAAAGCCCTTCGTGTGTCCGCGCTGCGGCCGTGGCTT
 CAGCCAGCCCAAGAGCCTGGCACGCCACCTGCGGTTGCACCCAGAGCTGTGAGGGCCAGGTGTGGCAGCC
 AAGGTGCTGGCAGCCAGCGTGCGGCGGCCAAGGCACCGGAGGAGGCCACAGCAGCGGACGGCGAAATCG
 CTATCCAGTGGGCGATGGCGAGGGCATTATTGGTGGGCCCGCCAGGGGATGGTGTGCAGCGGCCCGC
 AGCTCTGGCTGGGTGGGACCGGGCAACGGGACACGGTCGCGCAGGGCGCCGGCGCCAAGCCGAT
 GTGTGCATGGAGTGCGGGAAGGGTTTTGGGCACGGGCTGGGCTGTTGGCCACCAGCGCCTCAGCAGC
 GGGATGGGCTCGGGTAGCGGTTGGTGAGGAGCCTGCACACATCTGCGTGGAGTGTGGTGAGGGCTTTGT
 GCAGGGTGCCGCACTGCGGAGACACAAGAAGATCCATGCAGTTGGGGCGCCTTCGGTCTGCAGCAGCTGC
 GGACAGAGTTTCTATCGGGCGGTGGAGAGGACGATGGAGAGGACCAGTCGGCTGGTGCAGCGGTGTGCC
 AATGTCGGGGTGGGAGGCCCGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG216922 representing NM_001013012
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MELREEAWSPGPLDSEDQQMASHENPVDILIMDDDDVPSWPPTKLSPPQSAPPPGPPPRPPAPYICTE
 CGKSF SHWSKL TRHQRTHTGERPNACTDCGKTF SQSSHLVQHRR IHTGEKPYACSECGKRF SWSSNLMQH
 QRIHTGEKPYTCPDCGRSFTQSKSLAKHRRSHSGLKPFVCPRCGRGF SQPKSLARHLRLHPELSGPGVAA
 KVLAASVRRAKAPEEATAADGEIAIPVGDGEGII VVGGPDGAAAAAALAGVGRATGTRSRRAPAPKPY
 VCMECGKGF GHGAGLLAHQRAQHGDGLGVAVGEEPAHICVECGEFVQGAALRRHKKIHAVGAPSVCS
 GQSFYRAGGEDDGEDQSAGARCAECRGGEAR

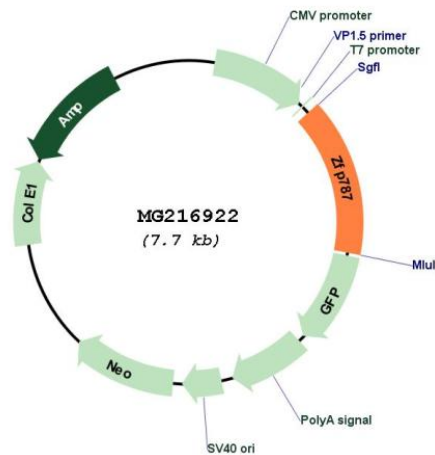
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001013012

ORF Size:	1143 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:	<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_001013012.2
RefSeq Size:	1899 bp
RefSeq ORF:	1146 bp
Locus ID:	67109
UniProt ID:	Q8BIF9
Cytogenetics:	7 A1
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]