

Product datasheet for **MG208969**

Zfp697 (NM_172863) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp697 (NM_172863) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp697
Synonyms:	9430053K19; AI467503; Znf697
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG208969 representing NM_172863
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAACAGGAAGATAATCAGGGTGTGTGTAATACCAGACTTCTGAAGACAGAGGCATGGATTCTGACT
 TGGAGAACTCTGAGGACCGAGAAGGGGACCCAGAAGAAAGAGGAATGGGCTCTAATCCATGGGACACAGA
 AGATAGAGGCCACCTGGAGCAGGAAGTGGACTCCAACCCACAGGATGATGATCTAAGAGGGGACTCACGA
 GAGAGGGACAGAGCGTCCACTGTCTGTTTCAGAGGGGCGGCTGAGTGAGGAAGAAAGGGCTATCCTCCGTG
 AGGAAGAGGACGACCAGCCTGGTGTGGCTGACATGGCTCTGTTCCAGGACTGTCAGAATCTGACAGCAT
 ATCCCGGAGTCCGCGGGAGAGGAAGATGAAGAGGAGGAAGACGAAGAAGAGGAAAGCGCTGGGGAGAAC
 CGCTTGATAGAGGAGGAAGATCCATTGCCTACTCCCGTCTTCTGGAGGCGTCACCTCTCCCTGGGCG
 GTCGACACCGGGTGACAAGCCTGCTCACCGCGCTTCCACCGGCTCCATCACCCATGGCCATGGACCT
 CGGGAACTAGACAGCCTGATGGCCAGTATCATGGACGCGCCACCATCTGCCAGACTGCGGGGAGAGC
 TTTAGCCCGGGCCCGCATTCTGCAGCACAGCGCATCCACCGCTGGCAGAGGCGCCGCGCTGGCCA
 GCTTGAGCCCTTCGGTTTGGCCGGCGAGTGCGGAGGAGTGGTGGGGATGATGGGCATGGGTATGGGCGT
 GGGCATGGGCGTGGCCGGCGGCTTGGGGCGGGGCCACGCTGGCCCGGCCCTCGCGAAAAGCCCTTC
 CGCTGCGGGGAGTGCGGCAAGGCTTACGCGCAACACCTACCTGACCAACCACCTGCGGCTGCACACGG
 GCGAGCGGCCAACCTGTGCGCCGACTGCGGCAAGAGCTTACGCTGGCGCGCCGACTGCTCAAGCACCG
 GCGCTGCACACGGGCGAGAAGCCCTACCGTGCCCGAGTGCGGCAAGCCTTACGCTCAGCTCGCAC
 TTGCTCAGCCACCGCGCGCGCACGCGGGCGGGCGGGCGGGCTCGGCGGGCTCGGCGGGCGCGC
 TGCGGCCCTTCGCATGCGGGGAGTGCGGCAAGGGTTCGTGCGCCGCTCGCATCTGGCCAATCACAGCG
 CATCCACACCGGCGAGAAGCCCGCACGGCTGCGGGGAGTGCGGCAAGCGCTTACGCTGGCGCTCGGACTG
 GTGAAGCACACGCGCTGCACACGGGCGAGAAGCCCTACATGTGCTCCGAGTGCGGCGAGACCTTACGCG
 TGAGCTCTCACCTCTTACGCACAAGCGCACGCACTCGGGCGAGCGGCCCTACGTGTGCCGGAGTGTGG
 CAAGGGCTTCGGCCGCAACTCGCACCTCGTCAACCACCTGCGCGTGCACACCGGCGAGAAGCCCTTCGGC
 TGCGGCCAGTGCAGAGAAGCGCTTACGCGACTTCTCCACGCTCACGCAGCACAGCGCACACCGGGCG
 AGAAGCCCTACACATGTCTCGAGTGCAGCAAGAGCTTATCCAGAGCTCCACCTCATCCGCCACCGGGC
 CATCCACACCGGCAACAAGCCTCACAAATGCGCGGGCTGTGGCAAGGGCTTCGCTACAAGACGCACCTT
 GCACAGCACAGAAAGTTGCACTTGTGT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG208969 representing NM_172863
 Red=Cloning site Green=Tags(s)

MEQEDNQVCEYQTSSEDRGMSDLENSEDREGDPEERGMGNSPWTEDRHLLEQVDSNPQDDDLRGDSR
 ERDRASTVCSSEGRLESEEERAILREEEDDQPGVADMALFPGLSESDSISRSPRGEEDEEEDEEEESAGEN
 RLIEEEDPLPTPVLWRRHLSLGGRRHGDKPAHRRFHRLHHPMAMD LGELDSLMA SIMDAPTICPDGSES
 FSPGAFLQHQRIHRLAEAAVASLEPFLAGECGGVVGMGMGMGMVGMGVAGGFAGPTLARPPREKPF
 RCGECGKFSRNTYL TNHLRLHTGERPNLCADCGKFSWRADLLKHRLHTGEKPYPCPEGFAFSLSSH
 LLSHRAHAAAGGGAGSAGSAAALRPFACGECGKGFVRRSHLANHQRIHTGEKPHGCGECGKRF SWRSDL
 VKHQRVHTGEKPYMCSEGETFSVSSHFTHKRTHSGERPYPVCRECGKGFGRNSHLVNHLRVHTGEKPF
 CGQCEKRF SDFSTLTQHQRTHHTGEKPYTCLCEGKSF IQSSHLIRHRIHTGNKPHK CAGCGKGFYKTHL
 AQHQKLHLC

TRTRPLE – GFP Tag – V

Restriction Sites:

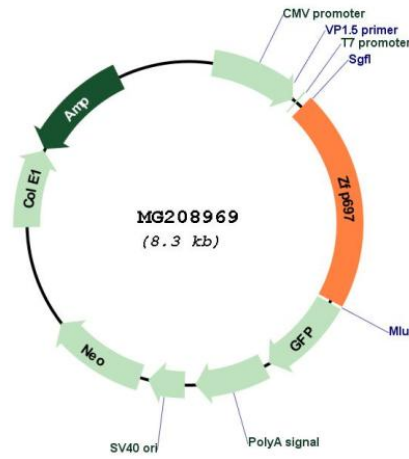
SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_172863
 ORF Size: 1707 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_172863.3
RefSeq Size:	5170 bp
RefSeq ORF:	1710 bp
Locus ID:	242109
UniProt ID:	Q569E7
Cytogenetics:	3 F2.2
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]