

Product datasheet for **MG204390**

Zfp11 (NM_024231) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp11 (NM_024231) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp11
Synonyms:	1500015B20Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204390 representing NM_024231 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGACTTTGCAAGTGCCCAAGAGGAAGGTGACGAACCTGTTCTGCTTCGAACACCGAGTTAACGTCT
GCGAGCACTGCCTAGTAGCCAATCACGCCAAGTGCATCGTGCAGTCCTACTTGCACTGGCTACAAGATAG
TGACTACAACCCCAATTGCCGCTGTGCAACACACCCTTGCCAGTCGGGAGACCACCCGCTTGTGTTGC
TATGATCTTTTCATTGGCCTGTATCAATGAACGTGCTGCCAGCTACCAGAAACACAGCGCCTGCAG
GCTACCAGTGCCCGAGCTGTAATGGCCCATCTTCCCCCAGCCAACCTCGCTGGCCAGTGGCTTCAGC
ACTGAGAGAAAAGCTAGCCACAGTCAACTGGGCCCGGCAGGACTGGGCCCTCCCTCTGATCGATGAGGTG
ATAAGCCCAGAGCCCAGCCCTCAATTCTCAGACTTCTCTGATTGGTCCAGCTTAAATGCCACCACCA
CCTCTGTGCAAGAGGAGAGAGCCAGCACTCCATCTGCGCCTGCTTCTATAGCCAGGCTCCCCGCCCTCC
TCCCTCCCAAGCCGTCCCGAGCAGCACACAGTCATACATGGGGAGTACTGAAGCCCTGGCACACGCC
CCAAGGAAAGTATATGACACACGGGATGATGACCGGACAGCAGGCATTTCATGGAGACTGTGATGACA
AATACCGCCGCCGCTGCTCTGGGCTGGCTGGCCAGCTGCTCAGGAGCCGGCTGGTCCCAGGAGCG
GCCACTGACTCTGCTCCAACGGGCAGGGCTGCTGCTCCTGTTGGGCTGCTGGCTTCTGGCACTCCTC
GCCCTCATGCTCGGCTCGGCCGGCTGCAGCAGACAGTATCCCAATCTGGACCGCTCATGAACCTC
ACATCCGTGATAGTCCTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204390 representing NM_024231
 Red=Cloning site Green=Tags(s)

MGLCKCPKRKVTNLFCEHRVNVCEHCLVANHAKCIVQSYLQWLQSDYNPNCRLCNTPLASRETRRLVC
 YDLFWACINERAAQLPRNTAPAGYQPCSCNGPIFPPANLAGPVASALREKLATVNWARAGLGLPLIDEV
 ISPEPEPLNSSDFSDWSSFNATTTSVQEERASTPSAPAFYSQAPRPPSPSRPEQHTVIHMGSTEALAHA
 PRKVYDTRDDRTAGIHGDCDDDKYRRRPALGWLAQLRSRAGSRKRPLTLLQRAGLLLLLGLLGLFALL
 ALMSRLGRAAADSDPNLDPLMNPHIRVGPSS

TRTRPLE - GFP Tag - V

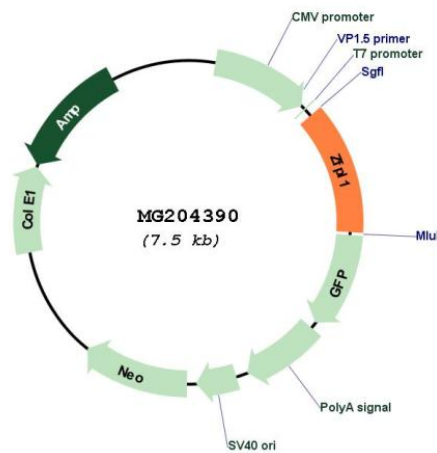
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_024231

ORF Size: 930 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_024231.1
RefSeq Size:	1235 bp
RefSeq ORF:	933 bp
Locus ID:	81909
UniProt ID:	Q9DB43
Cytogenetics:	19 A
Gene Summary:	Required for cis-Golgi integrity and efficient ER to Golgi transport. Involved in the maintenance of the integrity of the cis-Golgi, possibly via its interaction with GOLGA2/GM130 (By similarity).[UniProtKB/Swiss-Prot Function]