

Product datasheet for **MR212778**

Zfp369 (NM_178364) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp369 (NM_178364) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp369
Synonyms:	B930030B22Rik; D230020H11Rik; NRIF2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR212778 representing NM_178364
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGACCCCGGAGAAGGACGATCAGCATTCTGCCTCTACCGCTAGAGAACACTGAGGACAGTATGGCTT
 CCACGCTTCCAACAACCTGGCCCCATGAATCTGTGAAGTTTGAAGATGTATCACTGAGATTACCGAGGA
 AGAGTGGGCACTGCTAGATCGCCAACAGAAGTGCTGTACAGGGAATCATGATGGAGAACCTCAATAAC
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 ATGGCTGGTCCCCGAATGCCCTGATTCAATCCCTCTATCCAGAAAGTGGGAAGACTTGAACCCAGGTA
 ACCTCAAGCCAGCTCAACAGCCAAGCAAGCATTTGACTGACACTGAAGCTTCGCGACAGAAGTTCGACA
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 CTGCAGCCAGTACACGTTCAAAGAAGCAGATCCTAGAGTTGCTGGTGTCTGAGCAGTTCCTGAATGCAT
 TGCTGTAGAAGCTTCGGGTATGGGTAGAGTCGCAGCACCCAGAAGACTGCAAAGCAGTGGTGGCTTTGTT
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR212778 representing NM_178364
Red=Cloning site Green=Tags(s)

MDPGEGRSAFCLLPLENTEDSMASLTPTTWPHEVSVKFEDVSLRFTEEWALLDRQKCLYREIMMENLNN
MISVEHHFSKANVMPQLEEVDCWPMQREIPQDTLPECSGHSLDPEMNSFPAESPLMKIKVVEVLTNND
MAGPRNALIQSLYPESGEDLNPGNLKPAQQPSKHLTDTEASRQKFRHFQYEEASAGPQKSVSQLRKLCHQW
LQPSTRSKKQILELLVLEQFLNALPEKLRVWVESQHPEDCKAVVALLENMTSVSKDDAWLACSSEATDEL
KEKRKDVATLPVTVPPEAPVTFQDVAVDFSQEEWQLLGPQRTKYHDMLETGLNLVSVGWEPTLGNREL
TPDSPIPVVKPIHDPNPKDLNRNTQSTLFESISPDEVQGRHTIESNPVGLLQEKGHPPQKLSSESSKSN
QTCIDKSQCSLNEVLPRNHVKVKQKGTGKGKGRNTISMTGGLRIRNQKDSVEWRDRSGSTPVTHGSSI
KNQQLGSEQKGTQTSRDPITLAVPAEFYQEATGSEGRFRNSSNAMAADAPPKIHQKGPWHKAGKSNNS
MLQGSSAQNHQMGSRAGRARDNSILTHVKIHQKGYKEGKIQGNNNYLKHVKPHQKGSKEERLRELSTCQK
HVPYVKQHLKTSGRGKGRKINASIKGPYIKTYRGSVDGRLRRANNCRAISRHAQQISFIKIHKGSQI
CQCSECGKMFNARYFSVHKKIHTGERPYMCMSCGAFVQSSSLTQHLRIHSGERPFECSECGRTFSDRS
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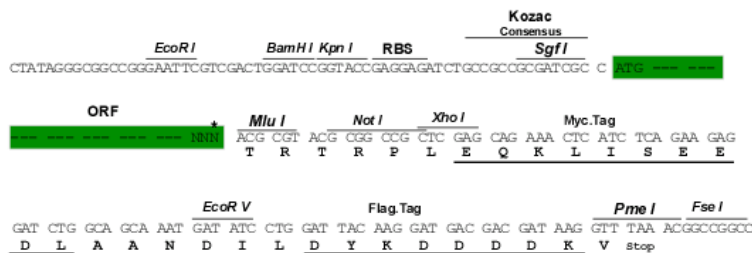
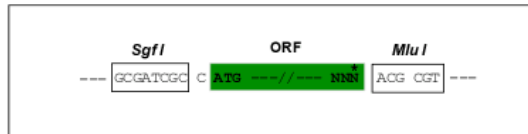
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9103_c05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

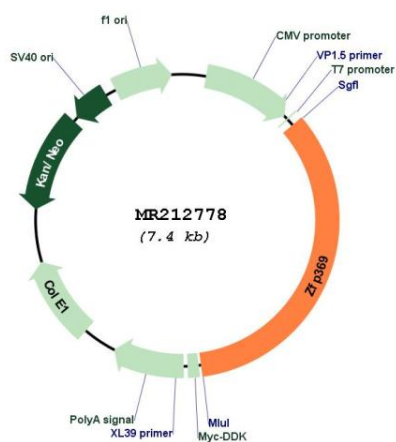
Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN:	NM_178364
ORF Size:	2535 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_178364.5 , NP_848141.3
RefSeq Size:	2869 bp
RefSeq ORF:	2538 bp
Locus ID:	170936
Cytogenetics:	13 B3
MW:	95.5 kDa

Product images:



Circular map for MR212778