

Product datasheet for **MG221177**

Zfp879 (NM_173387) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp879 (NM_173387) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp879
Synonyms:	Znf879
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG221177 representing NM_173387
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCACGAGGTTGCTGCCAGCCAGGTTTCAGGAGCCTGTGACGTTTCAGGGATGTGGCCGTGTCCTTCA
 GCCAGGATGAGTGGTTGCACCTGGACCCTGCTCAGAGAACCTTGTACCGAGAGGTGATGCTGGAGAACTA
 CAGCAACCTGGTCTCGCTGGGGATCCTGTTTTCCAAGCCAAAGGTCATCGCTCAGTTAGAACAAAGCAGAA
 GACTTCCCGATGGTGAAAGTGGGATGTTTCAAGGTGTGTACCTCGGATGGAAGAGCTTGTGTTGAGCCCA
 TAGTTTTCAAAGAAGAAAATAAGAAAGTCTTGAACCAAGAGAGTGGATAAATTTTTTAACCTCATATT
 GGGAAAAACGTGTGTAATGAGGAACAGTTAGAGGAGCAACAGGCAATAAGAAAAACCTTTTCAGCGAG
 ATGCTGCTTTCTGTCAGAAAGAGGCTGTAGACAAGAGCGAGGCTTCCAGGGGTGGACTCGTGAGAAATC
 CCGGCATAAAGCTCCCATTTCTAGGAAACCTGGAGTTGCCGCCGAGGGGAAAGCCCCACTTACAGCA
 GTACTCAGTTCTGTTCAAACAACCTGGGATTCAACCGAGCCGCCAGCTTTGTAATGCAACATCTGTGGG
 AAAGTCTTCTTCCACAGTTCTCCTCCTGAGCAAGCATCAGAGGACTCACACTGGAGAGAAGCTCTACAAAT
 GTCAGGGCTGTGCGAAAGCTTTAGCCAACGCTCATCCCTGGCACAGCACCTGAGAGTCCATACTGGGGA
 AAAGCCGTACCTCTGTAGTGACTGTGGGAAGGCCTTCAGCTTCACCACCTCTCTCATTGGGCATCAGAGG
 ATGCACACTGGAGAGAGACCCTATGAATGTAAGGAATGTGGCAAGACCTTCAAAGGCAGCTCCTCCCTTC
 ATAATCACCACGGATCCACACTGGAGAAAAGCCTTATAAGTGTAAAGAGTGTGGGAGAGCCTTTAGCCA
 GTGCTCATCTCTGATTGAGCACCATAGGATTACACTGGGAGAAACCATATGAATGCAGCCAGTGTGGG
 AAGGCCTTTACATCAATATCACGGCTGAGCAGACACCACCGCTCCATACCGGAGAGAAGCCCTTTCACT
 GTAATGTGTGTGGCAAAGTGTTCAGTTACCCTCGGCCTTGACCATCCATCAGAGAACTCACACTGGAGA
 GAAACCATATGCATGCAAGGAATGTGGGAAAGCCTTCAGCCAAAGCTCAGCACTTACCCAACATCAAAGA
 ATCCCACTGGAGAAAAGCCGTACAAGTGTGCCGAATGCGGAAAGGCCTTTTCTGGCTCTCACGGCTTA
 ACATCCACCACAGGATCCACACGGGGGAGAAACCGTATCACTGTAAAGAGTGTGGGAAAGCCTTCAGTTC
 CCACTCTGCGGTCAATACGCACAGAAAGATCCACACTGGTGAGAAACCTTATAATGCAGTGACTGTGAA
 AAAGCCTTCAATCAAAGCTCGGCCCTTATTCAGCATCAGAGAATCCACACCGGAGAGAAGCCGTTTAACT
 GTAAAGTTTGTGGGAAAGCCTTCCGACAGAGTTCTCGCTTATGACACATATGAGGATCCACACAGGAGA
 AAGGCCGTACAGATGCGAAGCTTGGGAAAGCGTTCAGTCAGAGCTCATCTCTTGCCAACCACCAGAAG
 ACACATTAC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG221177 representing NM_173387
 Red=Cloning site Green=Tags(s)

MTTRLLPAQVQEPVTFRDVAVSFQDEWLHLDPAQRTLYREVMLENYSNLVSLGILFSKPKVIAQLEQAE
 DFPMVESGMFQGVYLGWKSLEFPIVSKEENKKVLKNQRVDKFFNFILGKTCVNEEQLEEQPGNKKNPFSE
 MLLSVRRGCRQERGFPGVGLVRNPGIKLPFRRKPGVAAGGGKPHLQQYSVLFKQLGFNRARQLCKCNICG
 KVFFHSSSLSKHQRTHTGEKLYKQCGCRKAFSQRSSLAQHRLRVHTGEKPYLCSDCGKAFSFTTSLIGHQR
 MHTGERPYECKEKGKTFKGSSSLHNHQRHTGEKPYKCNCEGRAFSQCSSLIQHHRHTGEKPYECSQCG
 KAFTSISRLSRHHRVHTGEKPFHCNVCGKVF SYHSALT I HQRTHTGEKPYACECKGAFS QS SALT QHQR
 IHTGEKPYKCAECGKAFSWLSRLNIHHRHTGEKPYHCKEKGKAFSSHSVNTHRKIHTGEKPYKCDCE
 KAFNQSSALI QHQRIHTGEKPFNCKVCGKA FRQSSSLMTHMRIHTGERPYRCEACGKAFS QS SSLANHQK
 THY

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_173387

ORF Size: 1689 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_173387.3](#), [NP_775563.1](#)

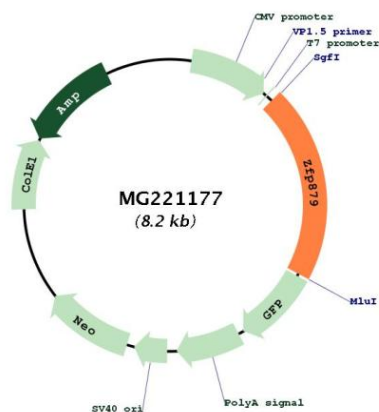
RefSeq Size: 2408 bp

RefSeq ORF: 1692 bp

Locus ID: 214779

UniProt ID: [Q8BI99](#)
 Cytogenetics: 11 B1.3
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG221177