

Product datasheet for **MC227977**

Zfp879 (NM_001290779) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp879 (NM_001290779) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp879
Synonyms:	Znf879
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC227977 representing NM_001290779
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTGGAAAGTGGGATGTTTCAAGGTGTGTACCTCGGATGGAAGAGCTTGTGAGCCCATAGTTCCA
 AAGAAGAAAATAAGAAAGTCTTGAAAAACCAGAGAGTGGATAAAATTTTTAACTTCATATTGGGAAAAAC
 GTGTGTAATGAGGAACAGTTAGAGGAGCAACCAGGCAATAAGAAAAACCTTTACGCGAGATGCTGCTT
 TCTGTGAGAAGAGGCTGTAGACAAGAGCGAGGCTTTCCAGGGGTCGGACTCGTGAGAAATCCCGGCATAA
 AGCTCCCATTTTCGTAGGAAACCTGGAGTTGCCGCCGAGGGGAAAGCCCACTTACAGCAGTACTCAGT
 TCTGTTCAAACAACCTGGATTCAACCGAGCCCGCCAGCTTTGTAATGCAACATCTGTGGAAAGTCTTC
 TTCACAGTTCCTCCCTGAGCAAGCATCAGAGGACTCACACTGGAGAGAAGCTCTACAAATGTCAGGGCT
 GTCGGAAAGCTTTCAGCCAACGCTCATCCCTGGCACAGCACCTGAGAGTCCATACTGGGAAAAGCCGTA
 CCTCTGTAGTGACTGTGGAAAGGCCTTCAGCTTACCACCTCTCTCATTGGGCATCAGAGGATGCACACT
 GGAGAGAGACCCTATGAATGTAAGGAATGTGGCAAGACCTTCAAAGGCAGCTCCTCCCTTATAATCACC
 AACGGATCCACACTGGAGAAAAGCCTTATAAGTGTAAACGAGTGTGGGAGAGCCTTTAGCCAGTGTCTCATC
 TCTGATTACAGCCATAGGATTCACACTGGGGAGAAAACCATATGAATGCAGCCAGTGTGGGAAGGCCTTT
 ACATCAATATCACGGCTGAGCAGACACCACCGCTCCATACCGGAGAGAAGCCCTTTCACTGTAATGTGT
 GTGGCAAAGTGTTCAGTTACCACTCGGCCTTGACCATCCATCAGAGAACTCACACTGGAGAGAAACCATA
 TGCATGCAAGGAATGTGGAAAGCCTTCAGCCAAAGCTCAGCACTTACCAACATCAAAGAATCCACACT
 GGAGAAAAGCCGTACAAGTGTCCGAATGCGGAAAGGCCTTTCTGGCTCTCACGGCTTAACATCCACC
 ACAGGATCCACACGGGGGAGAAAACCGTATCACTGTAAGAGTGTGGAAAGCCTTCAGTCCCACCTGTC
 GGTCAATACGCACAGAAAAGATCCACACTGGTGAGAAAACCTTATAAATGCAGTGACTGTGAAAAAGCCTTC
 AATCAAAGCTCGGCCCTTATTCAGCATCAGAGAATCCACACCGGAGAGAAGCCGTTTAACTGTAAGTGT
 GTGGAAAAGCCTTCGACAGAGTTCCTCGCTTATGACACATATGAGGATCCACACAGGAGAAAAGCCGTA
 CAGATGCGAAGCTTGGGGAAAGCCTTCAGTCAGAGCTCATCTCTGCCAACCCAGAAGACACATTAC
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001290779
- Insert Size:** 1473 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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.

RefSeq: [NM_001290779.1](#), [NP_001277708.1](#)

RefSeq Size: 2300 bp

RefSeq ORF: 1473 bp

Locus ID: 214779

UniProt ID: [Q8BI99](#)

Cytogenetics: 11 B1.3

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in its 5' UTR, lacks part of the 5' coding region, and uses a downstream start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus, compared to isoform 1.