

Product datasheet for **SC112799**

ZNF667 (NM_022103) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF667 (NM_022103) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF667
Synonyms:	MIPU1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC112799 sequence for NM_022103 edited (data generated by NextGen Sequencing)

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ATGCCTTCTGCACGGGGAAATCCAAATCCAAGGCACCTATAACATTTGGGGACTTAGCC
ATCTACTTCTCCCAGGAGGAGTGGGAATGGCTGAGCCCCATTGAGAGGATTTGTATGAA
GATGTCATGTTGGAGAATTACCGGAACCTGGTCTCGCTTGGTCTTTCCTTTCGGAGACCA
AATGTGATCACCTTATTGGAGAAAAGGAAAGCACCCCTGGATGGTAGAGCCAGTAAGAAGA
CGCCGGGCTCCTGACTCGGGGTCTAAATGTGAGACCAAGAAGTTACCTCCAAATCAATGC
AACAAATCTGGGCAAAGCATCTGCCAGAACTAGTTTCTGCACAACAAAAAGCTCCTACA
CGAAAGAGTGGCTGCAACAAAAATTCAGTCCTAGTAAACCTAAGAAAAGGCATTGAGGG
AAGAAACCTTTAAATGTAATGACTGTGGTAAACCTTTAGTCGAAGCTTCTCTCTTAA
CTTCATCAGAACATTCATACGGGAGAGAAGCCTTTTGAATGCAGTAATTGTAGAAAAGCT
TTCAGACAGATCTCATCCATCTACTTCATCAGAGAATTCACAGTGAAAAGAAAAGCCAT
GAATGCAATAAATGTGGGAAAGCTTCAATCAAAGAACAACCTTATTCTACATATGAGA
ATTCATGATGAAAAGAAATTCTTGACTGTGGGAAGCCTTGAGTCAATGTCAGTCTTTC
AATATACATCAGAAAATTCATGTTGTTGGGAATGTCTGCCAGTGCAGAAAGTGCAGGAAGA
GCCTTCAATCAGATGTATCCCTTTTACTTCATAGAAAATTCACAATGGAAGAAAACA
CATAAATAAATAAATGTGGGAGAGGCTTCAAAAAGAAATCAGTCTTTGTTGTACATAAA
AGAATTCATGCTGGAGAGAAAATCCCTGAAAATGCGAAGGCCTTAAGTCAGAGTCTACAG
CAAAGAAGTCACCATTTAGAGAAATCCTTTTAAATGCAGAAAATGTGGGAAATTTTAAAT
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GATAAATGTGACAAGTTCTTCAGGCGGCTTCAACCCTTATTCTGCATCTAAGAATTCAT
AATGGAGAAAAACTATACAGATGCAATAAATGTGAGAAGGTCTGCAATCGGCATTCATCC
CTTATTCAACATCAGAAAATTCATACAAAAGAAAAGAAAATTTGAGTGTAAGGAATGT
GGGAAGATGTTTTCTGGAAGTGCAAACCTTAAAATACATCAGAATATTCAATCTGAAGAG
AAACCTTTCAAATGCAATAAATGTAGTAAAGTTTTCGGCCCAATCATTCTTATTGAA
CATCAAAGAATTCATACTGGAGAAAAACCTACCAGTGTGAGGAATGTGGAAAAGCCTTC
AGCCACCGAATATCTCTCACACGACATAAGAGAATTCATACTGAAGATAGACCCTATGAA
TGTGATCAGTGTGGGAAGCCTTCAGCCAGAGTGCACACCTCGCCCAACATGAAAGAATT
CACACTGGAGAGAAGCCATATACATGCAAAACATGTGGTAAGGCCTTTAGTCAGCGCACA
TCTCTTATTCTACATGAAAGAAGTCACTACTGGAGAGAAAACCTATGAATGTAATGAATGT
GGGAAGGCATTTAGCAGTGGCTCAGACCTTATTGACATCAGAGAAGTCATTCTTCAGAG
AAACCCTATGAATGTAGTAAATGTGGGAAGGCATATAGTCGGAGTTCATCCCTGATTGCA
CATCAGAATACACATTCTGAAGAAAAGCCTAA
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Clone variation with respect to NM_022103.3
779 a=>g

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022103 unedited
 GTCAAAAATTGTATACGACTCCTATAGGCGGCCGCGCCTCGTGCCGAATTCGGCACGAGG
 CAGGCGCTGAGTCCCTGCCTCGGCTGTCTCGGTGGTCGCCGCCGGGGTCTGAGCCCGGAA
 GACCGAGCCCTGCCTTACCAGCTCTCTGCCATCTCTCAGTGTGGACCCTAAGGGGGAGG
 AAAGGATGCCTTCTGCACGGGGAAATCCAATCCAAGGCACCTATAACATTTGGGGAT
 TAGCCATCTACTTCTCCAGGAGGAGTGGGAATGGCTGAGCCCCATTGAGAAGGATTTGT
 ATGAAGATGTCATGTTGGAGAATTACCGGAACCTGGTCTCGCTTGGTCTTTCCTTTCCGA
 GACCAAAATGTGATCACCTTATTGGAGAAAAGGAAAGCACCCCTGGATGGTAGAGCCAGTAA
 GAAGACGCCGGGCTCCTGACTCGGGTCTAAATGTGAGACCAAGAAGTTACCTCCAAATC
 AATGCAACAAATCTGGGCAAAGCATCTGCCAGAACTAGTTTCTGCACAACAAAAAGCTC
 CTACACGAAAAGAGTGGCTGCAACAAAAATTCAGTCCTAGTAAAACCTAAGAAAGGCATT
 CAGGGAAGAAACCTTTAAAATGTAATGACTGTGGTAAAACCTTTAGTCGAAGCTTCTCTC
 TTANACTTCATCAGAATTCATACGGGAGAGAAGCCTTTTGAATGCAGTAATTGTAGAA
 AAGCTTTCAGACAGATCTCATCCATCTACTTCATCAGAGAATTCACAGTGGAAAGAAA
 GCCATGAATGCAATANATGTGGGAAAAGCTTCAATCAAGAACACCCCTTATNCTACTATG
 AGAATCATGATGGNAAGGAAATTCCTGACTGGGGAAGGCCCTGAGTCAATGTCGTCCTTC
 ATATACATCAAANAATNATGTTGTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_022103 unedited
 GAACCGCGGGCCGCAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTGGACACAAAGTCTTG
 CTCTGTTGCCAGACTGGAGTGCAGTGGTGAATCTCTGCTCGGTGCAACCCCCACCTCC
 TGGGTTCAAGCGATTCTCCTGCCTCAGCCTCTCCAGTAGCTGAGATTACAGGTGCGCACC
 ACCACGCCAGCTAATTTTGTATTTTTAGTAGAGACAGGGTTTACCGTGGTCTCAAAC
 TCTTGACCTCGTGATCCGCTGTCTCAGCCTCCCAAAGTCTGGGGTTACAGGTGTAAGC
 CACTGCGCCAGCCAGTAATCTTATCAAATGAAAAATGATCTTCATTCAATGACTGA
 CCAAACCTCTGAGTTTCTTCAGTTAATTTCAAATCCTGAGGTCAAAATCACCAATGACT
 TTTGCTCTTTGGCTTTCAAAGTGGGACATATCATCAAATGGTCCCATATACAAAAATTT
 ACATTATAGACAAATACATATTTGCCATATGTTTGATAGCCTCATTCTGTTGATTTTATAG
 ATTTAAACAACCTTAGGCTTTTTCTTCAGAATGTGATTCTGATGTCGAATCAGGGATG
 AACTCCGACTATATGCCTTGCCACATTTACTACATTCATAGGGTTTCTCTGAAGATGACT
 TCTCTGATGTCCAATAAGGTCTGAGCCACTGCTAAATGCCTTTCCACATCTTTACATTC
 CTAAGGTTTTCTTCCAGAATGAACCTTTTTCATGGTAGACTAAGAGAAAGTGCCTGACTA
 AAGGCCCTACCACATGTTTTGCATGTTTATGGCTTCTCTTCAGCGTGAACCTTTTATG
 TTTGGCCAAGTTGGGCACTTTGCTTGAAGCCTTCCACACTGATCACATTCTAGGGTCT
 ATTCTCAATATGAATTCTCTT

Restriction Sites:

NotI-NotI

ACCN:

NM_022103

Insert Size:

2600 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).

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_022103.2](#), [NP_071386.2](#)

RefSeq Size: 3336 bp

RefSeq ORF: 1833 bp

Locus ID: 63934

UniProt ID: [Q5HYK9](#)

Cytogenetics: 19q13.43

Domains: zf-C2H2

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the shorter transcript and encodes the functional protein.