

Product datasheet for **SC319872**

MKRN3 (NM_005664) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MKRN3 (NM_005664) Human Untagged Clone
Tag:	Tag Free
Symbol:	MKRN3
Synonyms:	CPPB2; D15S9; RNF63; ZFP127; ZNF127
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_005664.2
 CAGAGAAGCCTCCGAGCGCGCCGCCATTCCGGGCCTCAAGCCCATAAAGAAAAATACC
 GGAGAGGTTTTCGGACCAATTTCCGGGTGCCAAAGCAGCCATGGAAGAGCCTGCAGCTCCC
 TCAGAAGCCCACGAGGCAGCCGGGGCCAGGCAGGTGCTGAGGCAGCAAGGGAGGGTGTG
 TCTGGGCCGGACCTTCCCGTCTGTGAGCCCTCCGGGAATCTGCTGCTCCAGATTCAGCC
 CTGCCACATGCGCAAGGGGCTGGGCCCCCTTCCCTGTAGCTCCAGTCCCTGCCACCTC
 CGCAGAGGAGCCTGAGGCCTGCCAGCCTCAGGAGGAGGAGCCTGGCCAGTCCGTTG
 CCAAGCCGAAGCAGCGCATTTGGACAAAGCAGATCATCTGCAGGTATTATATACATGGG
 CAGTGCAAGGAGGGGAGAACTGTCGCTATTTCGCACGACCTTTCTGGTCGGAAGATGGCC
 ACTGAGGGTGGCGTTTCGCCGCCTGGGGCCTCTGCAGGTGGAGGCCCTAGCACGGCTGCG
 CACATCGAGCCCCGACTCAGGAAGTGGCGGAAGCCCCCGGCTGCATCCTCCCTTTCC
 TTGCTGTGATTGGCTCGGCTGCTGAAAGGGGTTTCTTTGAAGCCGAGAGACAATGCA
 GACCGTGGAGCTGCTGGAGGAGCAGGTGTAGAAAGCTGGCGGATGCCATTGAGTTTGT
 CCAGGGCAGCCCTACCGGGCCGCTGGGTTGCATCTGCCCCGAGGCTCCTCTACAGAGC
 TCAGAGACTGAGAGGAAGCAGATGGCTGTGGGCAGTGGGTTGCGTTTTGCTATTATGCT
 TCAGGGGAGTTTGTTCGTGGGAGAGCTGTATGTACCTCCATGGAGACATATGCGAC
 ATGTGTGGGCTGCAGACCTTGCACCCCATGGATGCTGCCAGAGGGAAGAACATATGAGG
 GCCTGCATTGAAGCACACGAGAAAGATATGAACTCTCGTTTGTGTGCAGCGTGGTATG
 GACAAGGTGTGTGGCATCTGCATGGAGTTGTCTATGAGAAGGCCAACCCCAATGACCGC
 CGCTTTGGCATTCTTCCAATTGCAACCATTCTTCTGTATTAGGTGTATCCGCAGGTGG
 AGAAGTCCAGACAGTTTGAACAGGATCGTCAAGTCTTGCCACAGTGCAGGGTCCACC
 TCTGAATTGGTCAATCCAGTGAATCTGGGTGGAGGAGGAGGAAGAGAAGCAGAACTT
 ATTCAGCAATACAAGGAGCAATGAGCAACAAGCCTGCAGGTATTTTGGGAAGCGAGG
 GGTAAGTCCCATTTGGAGACACATGCTTTTACAAGCATGAATACCCTGAGGGCTGGGGA
 GATGAGCCTCCTGGGCCAGTGGTGGGTCATTCAGCGCATACTGGCATCAACTTGTGGAG
 CCTGTGCAATGGGAGAGGGCAACATGCTCTATAAAAAGCATTAAAGAAGGAGCTTGTGCTG
 CTTCCGGCTGGCCAGTCTGTTGTTAAGCGGTTTCTTCACTGAGAGATGAGTTACCCTTC
 TCTGAGGACCAGTGGGACTTGCTTCAATTATGAGCTGGAAGAATATTTCAATTTGATTCTG
 TAGCATCGTGCTGGCATGTGGTCTAGTCTGCTGAGGTTCTGTCGTCTGCTATTGCCTG
 TTTTCCCTGTGTTGACACTTTACTGCTTTCAGGGGCTGTTGAGGCAGTCTTCTGTTTT
 CTTGTCTATTCTGCATATCTTCCCTAGGATTATGGTGATTATCTGTGTTAAAAATA
 AGTCCTTAAAGTACTGTTTTGGTGAATAATATTAATGTCAGCTTATGGCTTTTTTTT
 GTCATCTCTGTTGCAACAGGATTAACCTAGTTCTAGTGTAGTGTACTGAATTTCCAC
 ACTTATTTTGAAGACCCTCAAGAGTAAATGTGGCAGAGTAAAGGAGAAGTTTTAATTGA
 ACTAGTAGCTTTGTGCTATAATAGCCTTAAACAATGGACCCTTGCAGGGCTTTCAGCTG
 CTCATCTGTTGTTTACAGTTTGTCTTCCCTCCTTCCCTTCAAGTGCACCTGTTTAA
 CTGTGATGAACTGTGATTTTGTGTTTTACTTGACCAAAACCAAGTGTATATGTTTACAT
 GTTTTTATCCTGTTTGTGTTTACTTGACCAAAACCAAGTGTATATGTTTACAT
 TTATATATAAAAAATATATATGTATAAGAGTTATGATTTGAAAAAATATATAAAGA
 ATATACATCACAATATAATATTTATGTTTATGTAATAAAGTAAATACAGAGCTGAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_005664

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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_005664.2 , NP_005655.1
RefSeq Size:	3107 bp
RefSeq ORF:	1524 bp
Locus ID:	7681
UniProt ID:	Q13064
Cytogenetics:	15q11.2
Domains:	zf-CCCH, RING
Protein Families:	Druggable Genome
Gene Summary:	The protein encoded by this gene contains a RING (C3HC4) zinc finger motif and several C3H zinc finger motifs. This gene is intronless and imprinted, with expression only from the paternal allele. Disruption of the imprinting at this locus may contribute to Prader-Willi syndrome. An antisense RNA of unknown function has been found overlapping this gene. [provided by RefSeq, Jul 2008]