

Product datasheet for **MC218273**

Mkrn3 (NM_011746) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mkrn3 (NM_011746) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mkrn3
Synonyms:	D7H15S9-1; Zfp127
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC218273 representing NM_011746
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGAGTCTACAGCTCCATTGAGGCCACGCGGCCCGCGCCGAGGCAGGTGCTGAAGGGGGG
 AGGGTGTGTCTGTTCCCCCCTCTCAGTTTGGAGCTGCTGGAGCTTCTGCGGGAGTCAGCTCGGCCCC
 TCTGCAGCAGGCATCGGGTCTGGCACCGCTCTGGTACTCCAGGCCAGCGATCCGGCGCGCGGAGT
 TTGAGGCCAGCGCCAGCCGAAGGGGGCGGGGCCGGTCTGGTCCGGAGCGCAACAGTGGCAGCTGGACGA
 AGCAAATCCTCTGCAGGTATTATCTGCATGGGCAGTGAAGGAGGGCGATAACTGTCTACTCTCACGA
 CCTTTCTGGGCGCGGAGATCTAGGGGGGGCAAGATGCTCAGCCTCGGGCCTCTGCAGACAGAGGCC
 AAGATGGCCACTCGTGGGAGCCCCGACTCAGGAAGTGGCGGAAGCCCCCCTGCTGCATCCTCAAGCT
 CCTTGCCTCTGATTGGCTCGGCTGCTGAAAGGGCTTCACTGAAGCTGAGATTGACAATGCAGGCATTCC
 CTCAGCTGCTGAAAGGGCTTCTCTGAAGCCGAGATTGACAATGCAAGCCTTGCAGCAGGTGCTGCAGCG
 GGAGCGGGTGCAGAAGGCTGGGAGGGGGCAATTGAATTTGTTCCCTGGACAGCCTTACCGAGTCCGATGG
 TCCCCCGCATGGTCCCAGGCTCCTCTGCAGAGCCCGCAATTGAGAGAGAGCATATGGCTATGGCAT
 GGGGATGCCGATGCCAGTGCCAATGCCAGTGCCAATGCCAGTGCCAATGCCAGTGCCAATGCCGCTGCCGTTGC
 CGCTATGCTGCCCGGGACAATGCCTCCGTGGGACAGGTGTGCATACCCCCATGGAGAAATATGCGACA
 TGTGCGGGCAGCAGGCCTTGACCCTTGGGATGCAGCTCAGCAGGAAGCTCATAGAAGGGCCTGCGTTGA
 AGCACACGAGAGAGATATGGAATCTCTTTGCTGTGCAGCGCAGCATGGACAAAGTGTGTGGCATCTGC
 ATGGAGGTGGTCTATGAGAAAGCTGACCCAGCGACCCCGCTTTGGCATTCTTTTCAGTGCAACCACA
 CCTACTGTCTTAGGTGTATCCGAGGTGGAGAAGTCCACACAGTTTGGAAACAGGATCAGTAAGTCCTG
 CCCACAGTGCAGGTCTCCTCTGGCTTTGTCATTCTAGTGAGTTTGGGTGGAGGAGGAAGAGGAGAAG
 GAGAAACTTGTTACAGCAGTATAAGGAGGGATGAGCCAGAAAGCGTGCAGGTATTTTGTGGAGGCTAG
 GTCAGTGCCTATTTGGAGAATTCTGTTTTTACAAGCATGAATACCCGAGGGCTGGAGAGATCAGCCTCC
 AAGACCAGATGGTGGTGGATCATCAAGCGCATACTGGCATCAAGTTTTGGAGCCTGTGCAGTTGCGAGAG
 GGAAACGTGCTGTTTAAAAGCCGTAATAAAGAGCATTCTGTGCTTCGCCTGGCCAATCAGTTGCTTAAGA
 AGTTGCTTTGCCTGAGAGGCAGTTCTTCTTCTCTGATGACCGTTGGCTCTTGCTTCAGTACCAGCTGGA
 AGAATATTTAGTTTGAATCTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_011746
Insert Size: 1635 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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_011746.2](#), [NP_035876.2](#)

RefSeq Size: 2565 bp

RefSeq ORF: 1635 bp

Locus ID: 22652

UniProt ID: [Q60764](#)

Cytogenetics: 7 34.37 cM

Gene Summary: E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins.[UniProtKB/Swiss-Prot Function]