

Product datasheet for **SC215990**

Meckelin (TMEM67) (NM_153704) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Meckelin (TMEM67) (NM_153704) Human 3' UTR Clone
Symbol:	Meckelin
Synonyms:	JBTS6; MECKELIN; MKS3; NPHP11; TNEM67
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_153704
Insert Size:	1699 bp



[View online »](#)

Insert Sequence: >SC215990 3'UTR clone of NM_153704
 The sequence shown below is from the reference sequence of NM_153704. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACATTGGTGGATCAAAGATTTTGGATTAACTTCCCTGAATAAATAACTTAAAGACTCAGTATAATCATG
GCCAAAAAAGTCATGATATCAGGTTAGTTTGCATATTTTTAAAACTTATAATGCAGACTATTCTG
TTTTTGTTTTTATTTCAGAAAAGATTTATTTTTATAACTTGGGAATATATAACCTGATATAATAGAAA
ATACTGTTTTCCATTGTGTGTAGTATTTAATGCAGTAAATAATAAATTAATACTGACAGTGAGGCCAA
AAAAAATCTAAATGTTGCTTTCAGCATAATACTTTTTAATGCTAATTAACAGTCCCATCATTGTC
TCTGTAGATTATTTATAAACTGAGAGCTGCCTGAATCTTCTCACATTGACAAAGTAATTTGATTCCAA
GTTTAAGACTAGTTTTCAGTTTGATATTTTCATGTTTTGTGTGCTTATGGTTAAATAAATGTTGAAAGA
TATTTTCAAGTTTACTTAGAAAATTTAAATTTGATTATTGCTGATTCAATTTGCATCATTCTAATTGCT
CATCCTCTTTGGCAGTGGATTAATTCACGTGGGTTAATATGCATCTCATGAAATGATATCTTTTCAT
TCCTTTGTATACCTGTATTAGGTCAGTATACGCTTCCATGAAATATATTTGCATTTCTAATATAGTTT
ACATTTATTAAGTTATAACGTATGACATTTTTCCCAATATCATTTTTTATACATTTTAATTACTTAATG
TTTTAAGAGTTCTCTCCAGAGTTTTGCTTTTCAATTACGTTTAAAGACTGTAATAACAAACAGTAAG
GCTGGGCGCTGTGGCTTACGCCTGTAATCCCAGCACTTTGGAAGGCCAAGGCACGTGGATCACTTTAGG
TCAGGAGTTCAAGAACAGCCTGGCCAACATGGAAAACCCATCTCTACAAAAATACAAAAATTAGTTG
GATGTGGTGGCCTGTAATCCCAGCTATTTGGGAGGCTGAGGCATGAGAATAGCTTGAACCAGGAGGTG
GAGGCTGTAGTGAGCCAGATAGCACCACTGCCTCCAGCCAGGATGACAGAGCAAGACCTGTCTCAGA
AAAAACAAAAACAAAAACACTGTAATGTATCATGTTTCTCACTGCTTTCTATGTTAATGCTGTGTAAT
ACTTAAATGGAATACTGTATAAATATTATTTATATTTTCTCAGATGAAAATATATACTAAAACATTTG
GTATTTCTGTTTTCTGTTTCATTAATGTATATCTGATGGAGTACCATTTAGGAATATAACATTATTGGG
GCAGAGGTCAGCCATTGCCAAAGTTGAATCTTTTACATTTCCCTGAATCTTGAGGATGACTGAAAAG
GAAGTCTTTGAACTGCAGTTTCTGAAGGATCACAGTACAGGAATGCCTTTATAAAAGCTGCAGAGATA
AATACATGACTTATATGGCATGGATATTTAAAACCACTCACTCAGAAGCATATGAAAGAAATTCACC
ATCATTCAACATAGAAGAAGTTAATTTTAGTGCAAAAGTTTTTAAGTATTAATTTTACAATAAAGGAT
CAATTGGCTTACTTGCTGATAAATTAACAGAAAACATTTAAAATCATTCTAAATTTGTATGATATT
TTTATTTGGCTAGGTGCATAAAAATGTGTTTCAGATTTTCATA
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_153704.6](#)

Summary: The protein encoded by this gene localizes to the primary cilium and to the plasma membrane. The gene functions in centriole migration to the apical membrane and formation of the primary cilium. Multiple transcript variants encoding different isoforms have been found for this gene. Defects in this gene are a cause of Meckel syndrome type 3 (MKS3) and Joubert syndrome type 6 (JBTS6). [provided by RefSeq, Nov 2008]

Locus ID: 91147

MW: 66.8