

Product datasheet for **SC215988**

Meckelin (TMEM67) (NM_001142301) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Meckelin (TMEM67) (NM_001142301) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TMEM67
Synonyms:	JBTS6; MECKELIN; MKS3; NPHP11; TNEM67
ACCN:	NM_001142301
Insert Size:	1715 bp



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Insert Sequence:	<p>>SC215988 3'UTR clone of NM_001142301 The sequence shown below is from the reference sequence of NM_001142301. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ACATTGGTGGATCAAAGATTTTGGATTAACTTCCCTGAATAAATAACTTAAAGACTCAGTATAATCATG GCCAAAAAAGTCATGATATCAGGTTAGTTTGCATATTTTTAAAACTTATAATGCAGACTATTCTG TTTTTGTTTTTATTTCAGAAAAGATTTATTTTTATAACTTGGGAATATATAACCTGATATAATAGAAA ATACTGTTTTCCATTGTGTGTAGTATTTAATGCAGTAAATAATAAATTAATACTGACAGTGAGGCCAA AAAAAATCTAAATGTTGCTTTCAGCATAATACTTTTTAATGCTAATTAACAGTCCCATCATTGTC TCTGTAGATTATTTATAAACTGAGAGCTGCCTGAATCTTCTCACATTGACAAAGTAATTTGATTCCAA GTTTAAGACTAGTTTTCAGTTTGATATTTTCATGTTTTGTGTGCTTATGGTTAAATAAATGTTGAAAGA TATTTTCAAGTTTACTTAGAAAATTTAAATTTGATTATTGCTGATTCAATTTGCATCATTCTAATTGCT CATCCTCTTTGGCAGTGGATTAATTCACGTGGGTTAATATGCATCTCATGAAATGATATCTTTTCAT TCCTTTGTATACTGTATTAGGTCAGTATACGCTTCCATGAAATATATTTGCATTTCTAATATAGTTT ACATTTATTAAGTTATAACGTATGACATTTTTCCCAATATCATTTTTTATACATTTTAATTACTTAATG TTTTAAGAGTTCTCTCCAGAGTTTTGCTTTTCAATTACGTTTAAAGACTGTAATAACAAACAGTAAG GCTGGGCGCTGTGGCTTACGCCTGTAATCCCAGCACTTTGGAAGGCCAAGGCACGTGGATCACTTTAGG TCAGGAGTTCAAGAACAGCCTGGCCAACATGGAAAACCCATCTCTACAAAAATACAAAAATTAGTTG GATGTGGTGGCCTGTAATCCCAGCTATTTGGGAGGCTGAGGCATGAGAATAGCTTGAACCCAGGAGTG GAGGCTGTAGTGAGCCAGATAGCACCACTGCCTCCAGCCAGGATGACAGAGCAAGACCTGTCTCAGA AAAAACAAAAACAAAACTGTAATGTATCATGTTTCTCACTGCTTTCTATGTTAATGCTGTGTAAT ACTTAAATGGAATACTGTATAAATATTATTTATATTTTCTCAGATGAAAATATATACTAAAACATTTG GTATTTCTGTTTTCTGTTTCATTAATGTATATCTGATGGAGTACCATTTAGGAATATAACATTATTGGG GCAGAGGTCAGCCATTGCCAAAGTTGAATCTTTTACATTTCCCTGAATCTTGAGGATGACTGAAAAG GAAGTCTTTGAACTGCAGTTTCTGAAGGATCACAGTACAGGAATGCCTTTATAAAAGCTGCAGAGATA AATACATGTAATATATGGCATGGATTTTAAAACCACTCACTCAGAAGCATATGAAAGAAATTCACC ATCATTCAACATAGAAGAAGTTAATTTTAGTGAAAAGTTTTTAAAGTATTAATTTTACAATAAAGGAT CAATTGGCTTACTTGCTGATAAATTAACAGAAAACATTTAAATCATTCTAAATTTGTATGATATT TTTATTTTGGCTAGGTGCATAAAAATGTGTTTCAAGATTTTCAAAAAAAAAAAAAAAAAAAAA ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCACCGCCGCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-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_001142301.1

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: 67.4