

## Product datasheet for **SC203967**

### **KIF27 (NM\_017576) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	KIF27 (NM_017576) Human 3' UTR Clone
Symbol:	KIF27
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017576
Insert Size:	2000 bp



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**Insert Sequence:** >SC203967 3'UTR clone of NM\_017576  
 The sequence shown below is from the reference sequence of NM\_017576. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTAGGAAACCAAGGACTTAAAAACTTAGACATTGAATAATAGAACTTTTGTAGATATGTAAAAAGA
TTCTTTTTTCTAACCTGTAAAAACTAAAGCTCAAGTTCACTACCTCTTCTCAGAAATAAGGAAGAA
GGGAGGAAGGAATCCCTAATTCTTTTATATGCTATAGATGTGTACATCTTCTATATATATTTGGGGAG
TTTTAGTTTATATCCCATAGTAATCAAACATGTTTTCCAATACTTGATAACATTTAAATATTTATAAA
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TCAATAACAAGTATATTTTTTTTTTAAAAAGATCCAGCTAAATCTTGCTTTTGTGAGGGGAGTCACTG
CTGCATATGTGGGCTAAGACAACCTCTCAGCTTTATGGATTGAGGCTCATTACAGTCTCAGAACTCA
CAGAAACGGTCAGTCTGACTTTTTAAACATGCTCACTGTTCTGTTTCTGGAATTTTTTGGATTTTA
AAAATTTATAATGCTATCTTTTATGTTTCTAATATTATGCAATATAAGTTTTTCAATGCTTTTCTGCTC
TATACACTCAATATATCTCTCATTATGTTACTAAAAGTGGGAGAAATGAATGCTGTTCCATGGAACACG
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TTCCAAAACACTTGTAACCCGAAGTTGAGTTTCTTAAACTAATTAATGTTTTGTTGGGGCTGTAGCAA
AACCATCTGACATGGATGCTTACTCAGAGTCACCCACTTCTTGCTGAATCCATTTTTTCTGATGTA
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CCAAACTGTCACCCTGTGCTCAAAGACTTAAGGCTTCTTTCTCTCATTGCTAGCCCTAGGGAGTAGA
GTTTCTTGGTCTCCTTGCTAAAAACCAGTTCTTTAGGAAACAAACAAAACAAAACAACTTATAAAA
AGGAAAATATCTCTTAAGCATGGTACTAAAATTTATTTAAATTAATAGATTTCTGTGGACTTACCTGG
GAATGAAACAATTTATAAATATTGGTCCAATGAGATACTATTTTCTAAATTTCAAAAACTAATTTACA
AACTTAACTGGGAAATTTATTTTTACCAGGAAGTGGTTGAAGTCAGATTCTGGTTCCAGCTAGTCTT
CCATTTTTATAAATTTATGTACATTTATATAAATATAAATCATACAAACAAAGGTAAAAACATACAC
ATTATAAATATGTATAAATGCACTGACCTTTTGCCATTATTATATATATTTTCATATATATATGTATA
TACACTTGTACATATAAAGTATAAAGGAAATGTGTTTGTATTTCCATAAGTAAACAAGTATGTGTA
AATTAATTATTTCTAACTAAGGCATAGCACATAATCTTACAAGGAAGTATAATTAGGATCTTTGTTA
ACGCGT AAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-Mlul

**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\\_017576.4](#)

**Summary:**

This gene is a member of the KIF27 (kinesin 4) sub-family of the mammalian kinesin family. The gene is an ortholog of the *Drosophila* Cos2 gene, which plays an important role in the Hedgehog signaling pathway. The encoded protein contains an N-terminal motor domain which includes nucleotide-binding and microtubule-interacting regions, a stalk domain containing a predicted coiled coil motif and a C-terminal tail domain. Alternatively spliced transcript variants have been observed for this gene. Pseudogenes associated with this gene are located on chromosome 9. [provided by RefSeq, Dec 2012]

**Locus ID:**

55582

**MW:**

78.9