

## Product datasheet for **SC210978**

### KIF20B (NM\_016195) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	KIF20B (NM_016195) Human 3' UTR Clone
Symbol:	KIF20B
Synonyms:	CT90; KRMP1; MPHOSPH1; MPP-1; MPP1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016195
Insert Size:	916 bp
Insert Sequence:	>SC210978 3'UTR clone of NM_016195 The sequence shown below is from the reference sequence of NM_016195. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGACGACTTCGAACAAAAACAGCCAAATAAATCACTTATGGAAATGTTTAAATAAAATTTTATAGTCAT
AGTCATTGGAACCTGCATCCTGTATTGAAATATAAATGTATATATTATGCATTAATCACTCTGCATA
TAGATTGCTGTTTTATACATAGTATAATTTTAATCAATAAATGAGTCAAAATTTGTATATTTTATAA
GGCTTTTTATAATAGCTTCTTTCAAAGTATTTCCCTATTATCTCAGACATTGGATCAGTGAAGATC
CTAGGAAAGAGGCTGTTATTCTCATTTATTTGCTATACAGGATGTAATAGGTCAGGTATTTGGTTTAC
TTATATTTAACAATGTCTTATGAATTTTTTTACTTTATCTGTTATACAACCTGATTTTACATATCTGTT
TGGATTATAGCTAGGATTTGGAGAATAAGTGTGTACAGATCACAAAACATGTATATACATTTTAGAA
AAGATCTCAAGCTTTAATTAGAATGTCTCACTTATTTTGTAACATTTTGTGGGTACATAGTACATGT
ATATATTTACGGGTATGTGAGATGTTTTGACACAGGCATGCAATGTGAAATACGTGTATCATGGAGAA
TGAGGTATCCATCCCCTCAAGCATTTTTCTTTGAATTACAGATAATCCAATTACATTCTTTAGATCAT
TTAAAAATATAACAAGTAAGTTATTATTGATTATAGTCACTCTATTGTGCTATCAGATAGTAGATCATT
TTTTTATCTTATTTGTTTTGTACCCATTAACCATCCCCACCTCCCCCTGCAACCGTCAGTACCCCTTAC
CAGCCACTGGTAACCATTTCTACTCTGTATGCCCATGAGGTCAATTGATTTTATTTTATAGATCCCAT
AAATAAATGAGAACATGCA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACC GCCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_016195.4</a>
<b>Summary:</b>	Plus-end-directed motor enzyme that is required for completion of cytokinesis (PubMed:11470801, PubMed:12740395). Required for proper midbody organization and abscission in polarized cortical stem cells. Plays a role in the regulation of neuronal polarization by mediating the transport of specific cargos. Participates in the mobilization of SHTN1 and in the accumulation of PIP3 in the growth cone of primary hippocampal neurons in a tubulin and actin-dependent manner. In the developing telencephalon, cooperates with SHTN1 to promote both the transition from the multipolar to the bipolar stage and the radial migration of cortical neurons from the ventricular zone toward the superficial layer of the neocortex. Involved in cerebral cortex growth (By similarity). Acts as an oncogene for promoting bladder cancer cells proliferation, apoptosis inhibition and carcinogenic progression (PubMed:17409436).[UniProtKB/Swiss-Prot Function]
<b>Locus ID:</b>	9585
<b>MW:</b>	36.6