

Product datasheet for **SC332804**

KIF18B (NM_001264573) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIF18B (NM_001264573) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIF18B
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC332804 representing NM_001264573.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCAGTGGAGGACAGCAGCTGCAAGTAGTGGTACGGGTGCGGCCCCACCCTCGGGAGCTGGAC
AGTCAGCGGGCCAGTGGTTTCAGTGGTGGACGAGCGGTGCTGGTGTTTAACCTGAGGAGCCCGAT
GGAGGGTTCCCTGGCCTGAAATGGGGTGGCACCATGATGGCCCAAGAAGAAGGCAAGACCTGACG
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GTCCTGGACAGCTTCTCCAGGGCTACAACCTGCTCAGTGTTCCTACGGGGCCACCGGGGCTGGGAAG
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CGCCTGGAGGCCCGCAGCAGGAGAAGCACTTCGAGGTGCTCATCAGCTACCAGGAGGTGTATAATGAA
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GTGCAAGGACTTTCTTTCCACCAGCCAGCCTCAGCCGAGCAGCTGCTGGAGATACTGACCAGGGGGAAC
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CCAGGTGACTGGCAGTAG
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001264573

Insert Size: 2502 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:	<ol style="list-style-type: none">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_001264573.1
RefSeq Size:	4308 bp
RefSeq ORF:	2502 bp
Locus ID:	146909
UniProt ID:	Q86Y91
Cytogenetics:	17q21.31
Protein Families:	Druggable Genome
MW:	91.1 kDa
Gene Summary:	<p>In complex with KIF2C, constitutes the major microtubule plus-end depolymerizing activity in mitotic cells. Its major role may be to transport KIF2C and/or MAPRE1 along microtubules. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) has multiple differences in the coding region, compared to variant 1, one of which results in a frameshift. The resulting protein (isoform 2) has a distinct C-terminus and is shorter than isoform 1.</p>