

Product datasheet for **SC108314**

MOBKL2B (MOB3B) (NM_024761) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MOBKL2B (MOB3B) (NM_024761) Human Untagged Clone
Tag:	Tag Free
Symbol:	MOBKL2B
Synonyms:	C9orf35; MOB1D; MOBKL2B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108314 sequence for NM_024761 edited (data generated by NextGen Sequencing)

```
ATGTCCATAGCCCTGAAGCAGGTATTCAACAAGGACAAGACCTTCCGACCCAAGAGGAAA  
TTTGAACCTGGCACACAGAGGTTTGAGCTGCACAAACGGGCTCAGGCATCCCTCAACTCG  
GGTGTGGACCTGAAGGCGGCTGTGCAAGTTGCCAGTGGGGAGGACCAGAATGACTGGGTG  
GCAGTACATGTGGTGGACTTCTTCAATCGGATCAACCTCATCTATGGCACCATCTGTGAG  
TTCTGCACCGAGCGGACCTGTCTGTGATGTCAGGGGGCCCCAAATATGAGTATCGGTGG  
CAGGATGATCTCAAGTATAAGAAGCCAACAGCGCTGCCAGCTCCCCAGTACATGAACCTT  
CTTATGGATTGGATTGAGGTTGAGATCAACAACGAGGAAATATTTCCAACATGCGTGGGT  
GTTCCCTTCCCAAGAAGTTCCTTCAGATCTGCAAGAAGATCCTGTGCCGCTTTTCCGG  
GTCTTTGTCCACGTCTATATCCACCACTTCGACCGGGTCATTGTGATGGGTGCAGAGGCC  
CATGTCAACACCTGCTACAAACACTTCTATTACTTTGTCACAGAGATGAACCTCATAGAC  
CGCAAGGAGCTAGAGCCTTTGAAAGAAATGACGAGCAGGATGTGTCACTAA
```

Clone variation with respect to NM_024761.4



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024761 unedited
 TTGTTTTTGTAAACCGACTTACTAAGGGCGGCCGCGCATTTCGGCACGAGGCGGGACCTCGC
 GCACCGGCGGCAGAGTCCCTTGGGTGGATTGGCAAGCGACGCCCCACCTGCCCGGAGCTC
 ACCATTTTCTTTTCGCGCTGGCTGCAGCTGACCCGGCGAAGGGAGCCGACCGGGCCCTGGG
 CTGGAGGTAACCCCATCGGAAAGAACATGATGTTCCCTTGGAAATCATTCAAGAGGAA
 GATGGAAGGGGCTGTTTAGAAGAGCTTAAAAGCTACAGGCTGAAGACTGGGGCCTGAGT
 GCTGGCAGTGGAAAACACTGTTGGGCTGTGATCTCTCCCTGAAAAGTTCAGGTGCCTTT
 TTGCTTCTGCAAAAGAAAGGAAGCGAAAAGAGAAGACCATGTCCATAGCCCTGAAGCAGG
 TATTCAACAAGGACAAGACCTTCCGACCCAAGAGGAAATTTGAACCTGGCACACAGAGGT
 TTGAGCTGCACAAACGGGCTCAGGCATCCCTCAACTCGGGTGTGGACCTGAAGGCGGCTG
 TGCAGTTGCCAGTGGGGAGGACCAGAATGACTGGGTGGCAGTACATGTGGTGGACTTCT
 TCAATCGGATCAACCTCATCTATGGCACCATCTGTGAGTCTGCACCGAGCGGACCTGTC
 CTGTGATGTCAGGAGGCCCAAATATGAGTATCGGTGGCAGGATGATCTCAAGTATAAGA
 AGCCAACAGCGCTGCCAGCTCCCAGTACATGAACCTTCTTATGGATTGGATTGAGGTTT
 AGATCAACANCGATGAAATATTTCCNACATGCGTGGGTGGTCCCTTCCNAAAGAACTTC
 NNTCAGATCTGCAGAAGATCCTGTGCCNNGNCTTCCGGGTCTTTGTCCACGTCTATATC
 CCACACTTCGACCGGTCATTGTGATGGGTGCAGAGGCCCATGTCNACACTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024761 unedited
 GCGGCCGCAATCTAAAGTCGAGTTTTTTTTTTTTTTTTTTTCAGATCATTTAGTTATTCTT
 TAATCATTATTACTTTAAAATACACTAATACATTCTTATCTACTTCCCTCCACCGACAAA
 TATTTTGCTAAATTTAAAAGGATCACTGGAAGTATTATGACCCCCCTCGTACAGGTGGTC
 AGAACCACCACAGTTTTGTGAATGAATCAGAGAAGGCAACATTTTCATCAACGAAAACCTCA
 TTTAGTTTTCAAAGGCAGGATGTAGTACAGAATGCATTATTCTGACTGTCTTCTGGAAT
 AGAAAAATTGAAAAGGATGAAAAGAAAGTATAGCTCCAGCTCCACTGTTACCTTGGCAA
 CCGTGGCCCAATCACAGGGGCAGAAATTAATTTTGTGCCGTAACATAACGTGGCAAAGGA
 GTGGGGAGCGTGGAGTGGGGAGAGAATGACGGCTGGGTTAAATGCTCAGAAGGCTAGTG
 GGGAGGGTTACAAGTCAGCCGCTGGGTGTTAAATCTACACGTACCANATAACCAATTGT
 ACTTTTTTCACTGAAATGTTAGTATTATGTAGAGACAGCCAGCTCCCTGTCTTTAATA
 AAGAACAACACTGCAGTAATTATGCCACGCTCCCGCTGATTCATCCTTAGTTATTTAG
 GACTTTTTATTTTTCTCTCTTGGAAACAGGAAAGATATTTCCCTGAAGAGACAGTGAATG
 ATGCCCGTATAAAAAATACATTCTGACCAGGCGACCTGCAACTTGTGAGCTTTTCGCTAGG
 AACCCATCTCTTTCTTGCAGTAAAAACGTAAAACCTTTCTGGGGCAAAAAACAACCCACCC
 CATGAAGGTCCCTTTGTAACACTCTTATTACGCAATGCCTTGGCCCCCTTGCAGGGACA
 CCAGAAGGGGCCAGGATGGTTAGGGTTCAGCTCTCTAATTTCCAGCCCTTCAAGTTTATC
 CACTATTAACAGCGCCTTTTTGAATCTAAGGAGGTTTTCTTTAAATTT

Restriction Sites:

NotI-NotI

ACCN:

NM_024761

Insert Size:

2400 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:

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_024761.3](#), [NP_079037.3](#)

RefSeq Size: 6528 bp

RefSeq ORF: 651 bp

Locus ID: 79817

UniProt ID: [Q86TA1](#)

Cytogenetics: 9p21.2

Domains: Mob1_phocein

Gene Summary: The protein encoded by this gene shares similarity with the yeast Mob1 protein. Yeast Mob1 binds Mps1p, a protein kinase essential for spindle pole body duplication and mitotic checkpoint regulation. This gene is located on the opposite strand as the interferon kappa precursor (IFNK) gene. [provided by RefSeq, Jul 2008]