

Product datasheet for **SC120557**

MOBKL2A (MOB3A) (NM_130807) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MOBKL2A (MOB3A) (NM_130807) Human Untagged Clone
Tag:	Tag Free
Symbol:	MOBKL2A
Synonyms:	MOB-LAK; MOB1C; MOBKL2A; moblak
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120557 sequence for NM_130807 edited (data generated by NextGen Sequencing) ATGTCCAACCCCTTCCTGAAGCAAGTCTTCAACAAGGACAAGACATTCCGCCCAAGCGC AAGTTTGAGCCGGGCACCCAGCGCTTCGAGCTGCACAAGAAGGCGCAGGCGTCGCTGAAC GCCGGGTGGACCTGCGGCTGGCCGTGCAGCTGCCCCGGGCGAGGACCTGAACGACTGG GTGGCTGTTACGTGGTGGACTTCTTTAACCGCGTCAACCTCATCTACGGCACCATCAGC GACGGCTGCACGGAGCAGTCTGCCCGTCATGTGGGGGGCCCCAAGTATGAGTACCGC TGGCAGGATGAGCATAAGTTCCAGAAGCCACGGCACTGTCCGCGCCAGGTACATGGAC CTGCTGATGGACTGGATCGAGGCGCAGATCAACAACGAGGACCTTTCCCACCAACGTT GGCACTCCGTTTCCAAGAACTTCTGCAGACGGTGCGGAAGATCCTGTGCGGGCTGTT CGCGTGTTCGTGCACGTCTACATCCACCACTTTGACCGCATCGCGCAGATGGGCTCCGAG GCCACGTGAACACCTGCTACAAGCACTTCTACTATTTTCGTCAAGGAGTTCGGCCTCATC GACACCAAGGAGCTGGAGCCACTGAAAGAAATGACCGCCCGGATGTGCCACTGA

Clone variation with respect to NM_130807.2
72 a=>g;151 t=>c;323 g=>a;339 c=>g



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_130807 unedited</p> <pre>TCAAAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGCACCAGCGAAGCGGG CGGCAGAGGGCATCAGAAGTTTCCAGGGTCACTTGTGTCTCGTCCGTGGGAAGACCGGGG GAGCCCAGAAGGCCTTGGTGTGGAATTCTGAGAGCTGATTCTGCCTTGTCTTCTCCACT GTTCTGGAGGAATCCGAGAAGAGCAGAGCGGAGGGAGCCCCAGACACGGTCCGCGGGAG AGCTGTGGGGCTTGGTGAGTGTTTCTGGCCTCTCGGGTTGGTCAGACCCCCAGCCAGC TGGCCCCAGGACCCTCTACAGAAGTCCAGGAGAGCAGGCGTCACCAAGATGTCCAACCCC TTCCTGAAGCAAGTCTTCAACAAGGACAAGACATTCCGCCCAAGCGCAAGTTTGAGCCG GGCACCCAGCGCTTCGAGCTGCACAAGAAGGCGCAGGCGTCGCTGAACGCCGGGTGGAC CTGCGGCTGGCCGTGACGCTGCCCCGGGCGAGGACCTGAACGACTGGGTGGCTGTTTAC GTGGTGGACTTCTTAAACCGCTCAACCTCATCTACGGCACCATCAGCGACGGTGCACG GAGCAGTCTGCCCGTCATGTGGGGGGCCCCAAGTATGAGTACCGCTGGCAGGATGAG CATAAGTTCAGAAGCCACGGCACTGTCCGCGCCAGGTACATGGACCTGCTGATGGAC TGGATCGAGGCGCAGATCAACAACGAGGACCTCTNCCCACCAACGTTGGCACTCCGTTT CCCAAGACTTNTGCAGACGGTGCNGAAGATCCTGTCCGGCTGTTCCGCGTGTTCGTGC AGTCTACATCCACCCTTTGACCGCATCGCGCAGATGGGCTNCGAGGCCACGTGACAC CTGCTACAAGCACTCTACTATTNGTCAAGGAGGTCGCCTCATCGACACAAGAGCTGGAG CCTACTGAAA</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_130807 unedited</p> <pre>ATTTACTGTGNACCGCGCCGCTTNTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTCCG ACGTCTCGCTCTGTAGTTTTATCCGTATCTGGCTGGGGGAGGGTGGTCTCCGAGGTGGA TGGAGTGAGGGTGGAGGGGACAGAGATGGTCCCTGCTCCACCTCCCGAGCCACCTGG GAAGCTGCGTGGCCGGGCTGCTGGAGACATCCCGAGCCCTGGGGGAGACAGAGGTGTGG TGTTTGGGCTTCACTTCCAGGTACAAGGAGATACATTTTCATCAAGCAGTTCTGATTTT ATGGAGTTCTTTGAGGGCTCGGCTGGGAGGTCCCTCTCCGGGGGGCTCCAAGTGCCGGAC CTGGTGGTTTTCTGGAAGGATCAAGGACAAGTCCTGGGAGTTTTCAGGCTTCGGCAGTAACA GTGTGTTAATTGCACTTGTTCGATTTTCTGGCAGAAGCCAGGAGAGACGGGGACAGCGTG CTTCTCTCGGTGACCATCCCAGGCGCCAGAGGTGACCAGACTTCTGTGTGGTCTGGGA CAGTGCAGGGCTCAGGCAGGAAGGACCACTGTGGTGAAAGGCCACTGACAATTCTGGTGA GGAGTAGGGTGGCAGGGTTTCAGCCAGGGAGAGGAGGTGGCTGCCTTTTTCTCAGGGCCCT GCTCTCACTTCCAAAGTCTAGGGTACACAGAACTCATGGATTTTGGTCTCGCACCCCC AGGGGCCACACAGAAAAAGGGTTCAACTGGNAGTTTGCAGCATCTGGAAAGGCCAATT CTGGCAGAACTGGAAGATTCCAGACCAGGGGAGAGGCGTCCAGGGAGAGAAAGATCCTG CTTGGGTTGATCATAAGCAAAGTGGACATCGTTCCGAAAAGGCAGAGAGCTCACTATGTT ATCGATAAAAAATTCTTGGCCG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_130807
Insert Size:	3800 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_130807.2](#), [NP_570719.1](#)

RefSeq Size: 3347 bp

RefSeq ORF: 654 bp

Locus ID: 126308

UniProt ID: [Q96BX8](#)

Cytogenetics: 19p13.3

Domains: Mob1_phocein

Gene Summary: May regulate the activity of kinases.[UniProtKB/Swiss-Prot Function]