

## Product datasheet for **SC301650**

### MYLK4 (NM\_001012418) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MYLK4 (NM_001012418) Human Untagged Clone
Tag:	Tag Free
Symbol:	MYLK4
Synonyms:	SgK085
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_001012418 edited  
 TCGGAGACAGAGGGAGACGAAAACCACTCCAGAAAGTAGCTTAATCGGACTCACTACT  
 AAGATGTTAAAAGTGAAGAGGCTGGAAGAATCAACACGTGTTATAACAGCAACCAGCTG  
 GAGAAAATGGCCTTTTTTCAGTGCAGGGAAAGAGGTGGAGAAAAGTGAAGTGTTCCTGGAA  
 AAAAAATCTGGGGACCAGGATCAAGATCTAGACATAATGAGGCGAAGGAGGTGTGGTCA  
 AACGCCGACCTGACGGAAGGATGCCCGTCAAAAGCAAAAGGACATCAGCCCTCGCAGTT  
 GACATCCCGGCTCCTCCGGCCCCATTTGATCATCGTATTGTGACAGCCAAGCAAGGAGCG  
 GTCAACAGCTTCTATACTGTGAGCAAGACAGAAAATCCTAGGAGGAGGGCGTTTCGGCCAG  
 GTTCACAAGTGTGAGGAGACGGCCACAGGTCTGAAGCTGGCAGCCAAAATCATCAAGACC  
 AGAGGCATGAAGGACAAGGAGGAGGTGAAGAACGAGATCAGCGTCATGAACCAGCTGGAC  
 CACGCGAACCTCATCCAGCTGTACGATGCCTTCGAGTCTAAGAACGACATTGTCTGGTC  
 ATGGAGTATGTGGATGGTGGGAGCTGTTTGACCGCATCATCGATGAGAGCTACAATTTG  
 ACGGAGCTTGATACCATCTGTTTATGAAGCAGATATGTGAGGGGATAAGGCACATGCAT  
 CAGATGTACATTCTCCACTTGGACCTGAAGCCTGAGAATATCCTGTGTGAATCGGGAT  
 GCTAAGCAAATAAAAATTATTGATTTTGGATTGGCCAGAAGATACAAACCCAGAGAGAAG  
 CTGAAGGTGAACCTTGGAAACCCAGAATTTCTCGCCCCTGAAGTTGTGAACATGATTTT  
 GTTTCATTTCCCACTGACATGTGGAGTGTGGGGTTCATCGCCTATATGCTACTTAGCGGT  
 TTGTGCGCTTTCCTGGGTGACAATGATGCTGAGACGCTGAACAACATCCTGGCCTGCAGG  
 TGGGACTTAGAGGATGAAGAATTTCAAGACATCTCGGAGGAGGCCAAGGAGTTTCTCTCT  
 AAGCTTCTGATTAAGGAGAAGAGTTGGCGAATAAGTGCAAGCGAAGCTCTCAAGCACCCC  
 TGGTTGTCAGACCACAAGCTCCACTCCAGACTCAATGCCAGAAGAAGAAGAAATCGTGGC  
 TCTGATGCCCAGGACTTTGTGACCAAATAGTCTACAGGAGGCAGCCATTTGGAAGGAAAA  
 CTGCTGTGGTTGCTGCTGCTTCGAGAAAAATTTTTGAAAAATCAGCAGTTCTGATGCGTT  
 GACCCCTATGATGACCTGGTAGTCTTAGCAGGGGAGCCCTCGACCCTGAATGTGAACTT  
 GAACTGCAGTGCCTCTGCTGCGCTCAGAGGAACCCAGCGCTGCGGTCTGGTCTCAGGG  
 CGCAAACACATCCCTGCACCCGGTGGTGGTGTGTTGGGAAGATGTTTCCCTGCCATCTT  
 GAGATTTTTTACATTTTTTAAAAAATTTTTGATCTTAGTCACTGGGCAGGGGGTGCAT  
 TATGTCTGCCATTTCTCAAATGACTACAGCTGTGACACTTAAGATTGATTGGAGATTTTA  
 AAAGTGGAGGATGCATTTAGAGGGAGAAAGCTACTTCCAGCCATTAGACTATGCCTTTGG  
 AAGGGCAATTAGATGGCCGAAAGAATTCTGACTCCCATGCACCCTGGAGACTTAGTT  
 TCACAGACTCTGTCAATTTGATTTGGTCTGTGGTACGTGACTACAATGGATAAATAATT  
 TGTTTGCTGGAACAGAAGCCGTCTTGAATTTCCAACAAGAGGCATCAGCCACTGTGTC  
 TTTCAATTTATTCTGAATTGTCCCCAGCGCGCATTTTCTTCCATGCAGCTGATTCTGTTTT  
 TCACATCTATACTCCCTGCACCCCTTCTGACTGACAGTTTCATCCCCACAAAACACATTGGT  
 TTTGAGAGGTGATGCAAAAAGTATCTGTTTATGGTTGGTCTTTGAAATCTGACCTTTGG  
 AATAATGTCAACAGTCACAACAGGTTTCCCTCAAGCCCCATTTGTCAACTAAAAGAGACGG  
 ATCTGCACCTCCTGGAGCAAG

**Restriction Sites:** Please inquire

**ACCN:** NM\_001012418

**Insert Size:** 2100 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).

**OTI Annotation:** The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM\_001012418.1.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001012418.1, NP_001012418.1</u>
<b>RefSeq Size:</b>	5769 bp
<b>RefSeq ORF:</b>	1167 bp
<b>Locus ID:</b>	340156
<b>UniProt ID:</b>	<u>Q86YV6</u>
<b>Cytogenetics:</b>	6p25.2
<b>Protein Families:</b>	Druggable Genome, Protein Kinase