

## Product datasheet for MR215997

### Pdik1l (NM\_146156) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pdik1l (NM_146156) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pdik1l
Synonyms:	BC027088; stk3512
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR215997 representing NM_146156 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGT GAGTAGCCAGCCAAAGTACGATCTAATACGGGAGGTAGGCCGAGGTAGTTACGGTGTGTGTATG  
AAGCAGTCATCAGAAAGACCTCTGCGAGAGTAGCCGTGAAGAAAATTCGATGCCACGCGCCTGAAAATGT  
TGAAGTAGCTCTCGAGAGTTCTGGGCACTAAGCAGTATCAAGAGCCAACACCCAATGTGATTCACCTTG  
GAAGAGTGCATCCTACAGAAGGATGGGATGGTGCAAAAAGATGTCCACGGCTCTAATTCTCCCTTTATT  
TACAGCTTGTAGAGACTTCATTAAGGAGAAATTCCTTTGATCCAGAAAGCGCCTATTATTTGTGGTT  
TGTGATGGATTTTGTGACGGAGGAGATATGAATGAGTACCTGTTGTCCAGGAAACCAATCGAAAGACT  
AACACCAGCTTCATGCTTCAGCTCAGCAGTGTCTGGCCTTTTGCACAAAAACCAGATAATCCACCGAG  
ACCTGAAGCCTGATAACATCCTCATTTCCAGAGCAGGATGGACACCAGTGACTTGAACCCACACTCAA  
AGTGGCTGATTTTCGGCCTAAGTAAAGTTTGCTCAGCATCTGGGCAGAACCAGAAAGACCTGTCAGTGTA  
ACAAGTGTTCCTTTCCACGGCATGCGGACGGACTTCTACATGGCTCCCGAAGTGTGGGAAGGACACT  
ACACCGCAAAGCTGACATTTTGTCTGGGAATTATCATCTGGGCAATGCTGGAGAGGATCACCTTCAT  
AGACACGGAGACAAAGAAGGAGCTCTGGGGAGTTACGTAAGCAGGGGACTGAAATTGTGCTGTTGGG  
GAGGCACTTCTGAAAAACCCAAAATGGAACCTTCTCATCCTGTGAAGAAAAAGTCTATGAATGGCGAA  
TGAAACAAGTATAAGGAAATGCTGGCCGAAACCTCAGGATCGCCCTGATGCTTTTGAAGTAACT  
CAGATTAGTCAAATTGCATTTAAAGACAGCAGCTGGGAGACG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >MR215997 representing NM\_146156  
 Red=Cloning site Green=Tags(s)

MVSSQPKYDLIREVGRGSYGVVYEAVIRKTSARVAVKKIRCHAPENVLALREFWALSSIKSQHPNVIHL  
 EECILQKQDGMVQKMSHGSNSL YLQLVETSLKGEIAFDPRSAYLWFVMDFCDDGDMNEYLLSRKPNRKT  
 NTSFMLQLSSALAFHLKNQIHRDLKPDNILISQSRMDTSDLEPTLKVADFGLSKVCSASGQNPEEPVSV  
 NKCFLSTACGDFYMAPEVWEGHYTAKADIFALGIIIWAMLERITFIDTETKCELLGSYVKQGTEIYPVVG  
 EALLENPKMELLIPVKKKSMNGRMKQLIKEMLAANPQDRPDAFELELRVQIAFKDSSWET

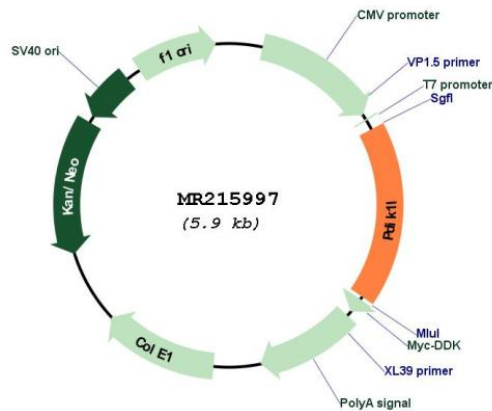
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_146156

**ORF Size:** 1023 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_146156.3</a> , <a href="#">NP_666268.1</a>
<b>RefSeq Size:</b>	4766 bp
<b>RefSeq ORF:</b>	1026 bp
<b>Locus ID:</b>	230809
<b>UniProt ID:</b>	<a href="#">Q8QZR7</a>
<b>Cytogenetics:</b>	4 D3
<b>MW:</b>	39 kDa