

Product datasheet for **MG215997**

Pdik1l (NM_146156) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdik1l (NM_146156) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pdik1l
Synonyms:	BC027088; stk3512
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG215997 representing NM_146156 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGAGTAGCCAGCCAAAGTACGATCTAATACGGGAGGTAGGCCGAGGTAGTTACGGTGTGTATG
AAGCAGTCATCAGAAAGACCTCTGCGAGAGTAGCCGTGAAGAAAATTCGATGCCACGCGCCTGAAAATGT
TGAAGTAGCTCTCGAGAGTTCTGGGCACTAAGCAGTATCAAGAGCCAACACCCAAATGTGATTCACCTG
GAAGAGTGCATCCTACAGAAGGATGGGATGGTGCAAAAGATGTCCACGGCTCTAATCTCCCTTTATT
TACAGCTTGTAGAGACTTCATTAAGGAGAAAATGCCTTTGATCCAGAAAGCGCCTATTATTTGTGGTT
TGTGATGGATTTTGTGACGGAGGAGATATGAATGAGTACCTGTTGTCCAGGAAACCAATCGAAAGACT
AACACCAGCTTCACTGCTCAGCTCAGCAGTGCTCTGGCCTTCTTGCAAAAAACCAGATAATCCACCGAG
ACCTGAAGCCTGATAACATCCTCATTTCCAGAGCAGGATGGACACCAGTGACTTGAACCCACACTCAA
AGTGGCTGATTTCCGGCTAAGTAAAGTTTGCTCAGCATCTGGGCAGAACCAGAAAGACCTGTCAGTGTA
ACAAGTGTTCCTTTCCACGGCATGCGGGACGGACTTACATGGCTCCCGAAGTGTGGGAAGGACACT
ACACCGCAAAGCTGACATTTTGTCTGGAATTATCATCTGGCAATGCTGGAGAGGATCACCTTCAT
AGACACGGAGACAAAGAAGGAGCTCTTGGGAGTTACGTAAAGCAGGGGACTGAAATGTGCCTGTTGGG
GAGGCACTTCTGAAAACCCAAAATGGAACCTTCATCCCTGTGAAGAAAAAGTATGAATGGGCGAA
TGAACAACCTGATAAAGGAAATGCTGGCCGAAACCCTCAGGATCGCCCTGATGCTTTTGAAGTGAAGT
CAGATTAGTCAAATTCATTTAAAGACAGCAGCTGGGAGACG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG215997 representing NM_146156
 Red=Cloning site Green=Tags(s)

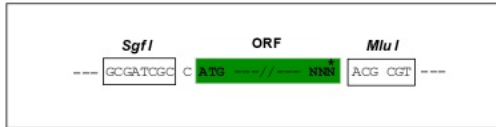
MVSSQPKYDLIREVGRGSYGVVYEAVIRKTSARVAVKKIRCHAPENVELALREFWALSSIKSQHPNVIHL
 EECILQKDGMOVQKMSHGSNSL YLQLVETSLKGEIAFDPRSAYLWFVMDFCGGDMNEYLLSRKPNRKT
 NTSFMLQLSSALAFHLKNQI IHRDLKPDNILISQSRMDTSDLEPTLKVADFGLSKVCSASGQNPEEPVSV
 NKCFLSTACGDFYMAPEVWEGHYTAKADIFALGIIIWAMLERITFIDTETKKELLSYVYKQGTEIVPVG
 EALLENPKMELLIPVKKKSMNGRMKQLIKEMLAANPQDRPDAFELELRVQIAFKDSSWET

TRTRPLE - GFP Tag - V

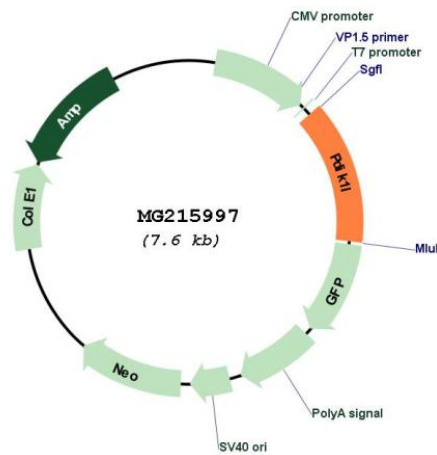
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_146156

ORF Size: 1023 bp

OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_146156.3 , NP_666268.1
RefSeq Size:	4766 bp
RefSeq ORF:	1026 bp
Locus ID:	230809
UniProt ID:	Q8QZR7
Cytogenetics:	4 D3