

## Product datasheet for **MC218222**

### **Pklr (NM\_001099779) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pklr (NM_001099779) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pklr
Synonyms:	Pk-1; Pk1; R-PK
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC218222 representing NM\_001099779  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAAGGGCCAGCAGGATACCTGAGACGTGCCAGTGTGGCCAGCTGACCCAGGAGCTGGGCCTGCCT  
TCTTCCAGCAGCAGCAACTGCCCGCAGCTATGGCGGACACCTTCTTGAAACACCTCTGCCTTCTGGATAT  
CGACTCAGAGCCTGTGGCCGCTAGGAGCACCAGCATCATTGCCACCATCGGGCCGGCGTCACGCTCTGTG  
GACCGCTCAAGGAGATGATCAAGGCAGGGATGAACATTGCACGACTCAACTTCTCCCATGGCTCCCATG  
AGTACCATGCAGAGTCCATCGCCAACATTCGGGAGGCGGCTGAAAGCTTTGCAACCTCCCCACTCAGCTA  
CAGACCCGTGGCCATCGCCCTGGACACCAAGGGTCCCAGATACGCACTGGAGTCTGCAGGGGGTCCA  
GAGTCGGAGGTGAAATGTGAAGGGTTCACAGGTGCTGGTACTGTGGATCCGAAGTCCGGACAAGGG  
GCGATGCAAAGACAGTGTGGGTGGACTACCACAATATCACCCAGGTCGTTGCAGTGGGGGCCGCATCTA  
CATTGACGACGGGCTCATCTCCTTAGTGGTGGCGAAAATTGGCCAGAGGGACTGGTGACCGAAGTGGAA  
CACGGTGGTTTCTTGGGCAACAGGAAGGGTGTGAACCTTGCCAAATGCCGAGGTGGACCTGCCTGGGCTAT  
CAGAGCAAGATCTTTGGATCTGCGCTTCGGGGTGGAGCATAATGTGGACATCATCTTGGCTCCTTTGT  
ACGAAAAGCCAGTGTGTGGTGGCAGTCCGAGATGCCCTAGGGCCAGAAGGACGGGGCATCAAAATTATC  
AGCAAAATCGAGAACCATGAAGGCGTGAAGAAGTTTGTAGAGATCCTAGAAGTGAGCGATGGCATCATGG  
TGGCTCGGGGTGACCTTGGCATTGAGATCCCAGCAGAGAAGGTTTTCTTGGCTCAGAAGATGATGATTGG  
ACGCTGCAACCTGGCTGGCAAGCCTGTCGTTTGTGCCACACAGATGCTGGAGAGCATGATCACTAAGGCT  
CGACCAACTCGGGCGGAGACAAGCGATGTGGCCAATGCTGTGCTGGATGGGGCTGACTGTATCATGCTGT  
CTGGAGAGACCGCCAAAGGCAGTTTCCCGTGGAGGCTGTAAGATGCAACATGCGATTGCCCGGGAGGC  
AGAGGCCGCTGTGTACCACCGCCAGTTGTTTGGAGAGCTACGCCGGCAGCGCCGCTGAGCCGTGACCCA  
ACCGAGGTCACTGCAATTGGAGCCGTGGAGGCTTCTTCAAGTGTGTGCCGAGCCATCATTGTGCTGA  
CAAAGACTGGCCGCTCAGCTCAGCTTCTGTCTCGCTACCGACCTCGGGCTGCTGTATTGCTGTGACTCG  
TTCTGCCAGGCTGCCCGACAGGTCCACCTGTCCCGAGGAGTCTTCCCTTGTCTACCGTGAGCCTCCA  
GAGGCTGTCTGGCAGATGATGTGGACCAAGGGTCCAATTTGGCATCGAAAGTGGAAAGCTTCTGGCT  
TCCTCCGAGTTGGTGTGATCTGGTATTGTGGTACAGGCTGGCGACCTGGCTCTGGCTATACCAACATTAT  
GCGGGTGTGACCATATCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001099779

**Insert Size:** 1632 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\\_001099779.1](#), [NP\\_001093249.1](#)

**RefSeq Size:** 2661 bp

**RefSeq ORF:** 1632 bp

**Locus ID:** 18770

**Cytogenetics:** 3 39.01 cM