

Product datasheet for **MC221872**

Pkp3 (NM_001162924) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pkp3 (NM_001162924) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pkp3
Synonyms:	2310056L12Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221872 representing NM_001162924
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCCACCCGAGGATCTCGGACCCGGATGGAGCCAGAAGGAATTGCCTACAGCAGGACCTCCA
 GAATGAGCCAGGGAGCCAGTGGGGGCCAGACCAGCGGCAAGCCTGAGACTGGTGTGGCTCCCTGGCTCT
 GCCTTCGGACCTACAGCTGGATCGCCGGGGTGGGAGGGACCGGAGGCTGATCGACTTAGAGCTGCCAGA
 GTCCAGGAGCAAGTCCGAGCCCGCTCCTCGAGCTGGCCAGCAGTCCGGCACAATGGGTCTGCTGAGC
 TTGATGGCTCCGCGGAGAGCGCCAGAGGCATGCCAGAGGTCAATATCACACTATGCAGACTGGCTTCAG
 CTCCCGATCCCAGGGCATGAGTGGAGACAAGACCTCGACCTCCGGCCCATCGCCAAGCCGGCCTACAGC
 CCAGCTTCTGGTCTCCGCTCAGCCGTGGATCTGACGTGCAGTCGGAGGCTGAGTTCTGCCACAATG
 GGGCAGTGCCTTTGGGCTGTGGGATATGGGGTACCCAGCCACTCCACCTATGCCACCCGGCCAGT
 GTCCTTCCATGAGCGAGGTGGGGCAGCCAGCAGAGCTGACTATGACACATTATCCCTGCGCTCACTGAGG
 CTGGGGCCAGGGGCTGGATGACCGTTACAGCGTGGTATCTGAGCAACTGGAGCCTGCAGCCGCTCTA
 CCTACAGGGCCTATGCTTACGAGCGCCAGGCTAGCTCCGGCTTAGCCGAGCAGGGGGCCTGGACTGGCC
 AGAGGCCACAGAGGGACCCAGCAGGACCATCCGTGCACCTGCCATGCGAACCTGCAAAAGATTTAG
 AGCAGCCACCGAAGCCGTGGGGTACCGGGTCACTGTCAGGTGCCGGCTTGGAGCCAGTGGCCGAGCCC
 CATCTGTGCGCAGCCTCAGTCTTAGCCTGGTACTCAGGCCACCTGCCAGATGTACGCGGGCTGGACAG
 CTACACGGGCCATCGAACCTGCAGAGGCTCAGCAGTGGCTTTGATGACATTGACCTGCCTTCAGCAGTC
 AAGTACCTCATGGCCTCAGACCCCAACCTGCAGGTGCTGGGAGCAGCTTACATCCAGCAGGTGTTACA
 GTGATCCCGCCGCAAGAAGCAGGCTCGCAGCCTCAGGCACCTAGACTGGTGAAGCTTTCAACCA
 CGCCAACAGGAGGTGCAGCGCCACGCCACAGGTGCCATGCGCAACCTCATCTACGACAATGTAGACAAC
 AAGCTGGCGTTGGTAGAGGAGAATGGCATTGAGCTGTTGCGGACACTTCGAGAGCAGGATGATGAGC
 TACGAAAAATGTTACAGGGATCCTATGGAACCTGTCCTCCAGTGACCACCTAAAGGACCGCCTCGCCCG
 GGATACACTGGAGCAGCTCACAGATCTGGTGTGAGCCCCCTGTGAGGGCAGGTGGGCCTCCCCTCATC
 CAGCAGAAATGCCTCAGAGGCAGAGATCTTCAAAATGCTACTGGCTTCTCAGGAACCTCAGCTCAGCCT
 CCCAGGCCACTCGGCAGAAGATGCGCGAGTGCCATGGGCTAGTGGATGCTCTGGTCACTACATCAACCA
 TGCCCTGGACGTTGGCAAGTGTGAGGACAAGAGTGTGAAAAATGCTGTGTGTGTGCTGAGGAACCTGTCC
 TACCGCCTACGACGAGATGCCCCATCAGCCTTGCAGCGGCTTGAAGCCGGGGCCGAGGGACATGG
 CAGGGGCTCCGCCTGGTAAATGGTAGGCTGCTTACACCTCAGAGTCGCGGGCTGCGAGAGCTTCTCT
 CACAGCTGATGCACTCACCTTGGCCGAAGTATCTAAGGATCCCAAGGGCCTCGAATGGCTGTGGAGCCCC
 CAGATTGTGGGGTGTACAACCGACTGCTGCAGCGCTGTGAACTAAATCGGCATACAACGGAGGCGGCCG
 CAGGGGCGCTACAGAATATCACCGGGCGACCGAGGTGGGCAGGTGTGCTGAGCCGCCTGGCCCTGGA
 ACAGGAGCGAATCCTGAACCCCTGTGAGACCGGTTGCGACCGCTGACCACAACCAACTGCGCTCACTG
 ACTGGCCTCATCCGAAACCTGTCTCGGAATGCCAGGAACAAGGACGAGATGTCCACAAAGGTAGTGAGCC
 ACCTGATTGAGAAGCTTCTGGTAGTGTGGGTGAGAAGTGTCCCCAGCTGAGGTGCTGGTCAACATCAT
 AGCCGTGCTCAACAACCTGGTGGTAGCCAGCCCATTTGCTGCCGGGACCTGCTACTTTGATGGCCTC
 CGAAAGCTGGTCTTCAATAAAAAGAGGGATAGCCCCGACAGTGAGAAGTCTTCCCGGGCAGCCTCCA
 GCCTTTGGCCAACCTCTGGCAGTACAGCAAGCTCCACCGTACTTCCGGCGAAAGGCTACCGGAAAGA
 GGACTTCTGGGTCCATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001162924
Insert Size: 2469 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:	<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_001162924.1 , NP_001156396.1
RefSeq Size:	2926 bp
RefSeq ORF:	2469 bp
Locus ID:	56460
UniProt ID:	Q9QY23
Cytogenetics:	7 F5
Gene Summary:	May play a role in junctional plaques.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate exon for its 5' UTR and 5' coding region, compared to variant 1, that results in a protein (isoform 2) with a longer and distinct N-terminus, compared to isoform 1.