

Product datasheet for MC223877

Pkp4 (NM_026361) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pkp4 (NM_026361) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pkp4
Synonyms:	5031422I09Rik; 9430019K17Rik; Armrp; p0071
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223877 representing NM_026361 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCCGCCCTGAACAGGGCTCACTGGTGGAGGAGGGGCAACCACAGACCCACCAGGAAGCTGTCTCCA
CTGGCCAGGCATGGAACCCGAGACCACAGCCACCACTATTCTAGCTTCCGTGAAGGAGCAGGAGCTTCA
GTTTCAACGACTCACCCGAGAAGTGAAGTGGAAAGGCAGATTGTTGCCAGTCAGCTAGAAAGATGTAGG
CTTGAGCAGAATCGCCAAGCATCGCCAGCACCAGCTCAACTGAAAAGTCATTTCCCTGGAGATCAACAG
ATGTGCCAAATCCTGGTGTGAGCAAACCTAGAGTTTCTGACACTATTCATCCCAACAACTATCTCATCAG
GACAGAGCCAGAACAGGGGACCCCTACTACCAGAACAGACTTCTCTCCATGAAAGTGAGGGATCGTTG
GGAAACTCAAGAAGTTCAACACAGATGAATTCTTACTCTGACAGTGGGTACCAGGAAGCAGGGAGTTTC
ACAACAGCCAAACCGTGAACAAGGCAGACAGCAGACATCCATTCACAGGATCAACAAGTAACCATGT
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GGTCACTGAGAATTCTCTGGTAGTGGATTTGGCTCTCCATCAGTGACGAGTCCCGACCTCTGAACCC
CAGTGCTTACTCCTCCAGCACGCTCCCTGCACAGCGGGCCGCTCTCCATCTCACAGAGACCCGCTCC
CCAACAGCCGTGCGCCGGTCTGTGACCTCCCGGACAGCTCCAATCCCAACGGACAGTCCCTC
AGTACCAGACCACCAGGGTGGGTCCCACTGACCCTGACTGATGCCAGACTCGAGTAGCTTCCCC
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CCTTCACTGCAAAGGACTGTTTCATGACATGGACCAATTTGGACAGCAGCAGTATGACATTTATGAAAGGA
TGGTTCACCTCGCCAGACAGCCTGACAGGCTTACGGAGTTCATGCCAGTCAGCATAGTCAGCTTGG
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TAACTATGCCCTGAACACAGCAGCTACCTATGCGGAGCCCTACAGGCCAGTTCAGTACCGAGTCCAAGAG
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GCATTCAGAAGGACCCAGGGAGTTTGCCTGGCGTGACCCTGAGCTGCCAGAAGTCATTCACATGCTGCA
GCACCAGTTCCCATCGGTCCAGGCAATGCCGCAGCCTACCTGCAGCATCTGTGCTTTGGTGACAACAAA
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GAACGCCACAAGAGGACCAATGGGATGGAGTCGGGCTATCCCTGGACTGTCCAAGTCCCCAAGGGAGT
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GGTGGAAATCAGAACCATTTTATACACCTGTGCCAGCTAGAGCGAGACCGATTCAAATCACACCCTTC
TCTGTCCACCACCAACCAACAGATGTCGCCATCATTGATCAGTGGCAGCACCTTCTCCACCAGCA
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AGACTTTTATCCACTAAACGACCTTCTATAGAGCCGAACAGTACCCTGGGTCCCCGACTCCTGGGTG
TAG
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_026361

Insert Size:

3573 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_026361.2](#), [NP_080637.1](#)

RefSeq Size: 4642 bp

RefSeq ORF: 3573 bp

Locus ID: 227937

UniProt ID: [Q68FH0](#)

Cytogenetics: 2 C1.1

Gene Summary: Plays a role as a regulator of Rho activity during cytokinesis. May play a role in junctional plaques (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) is the longer transcript and it encodes the longer protein (isoform 1).