

Product datasheet for **MC220215**

Kprp (NM_028629) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kprp (NM_028629) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kprp
Synonyms:	1110001M24Rik; AA589586
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220215 representing NM_028629
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGTGACCAGCAACCGATTCACTGTTGTGTGCCGATACCCAGTGCTGTGTCAAGGGTCTCTCTTTG
 GCCCTCACAGTTTTCTTACGCCAACCAACAGGTGCTGGTGAAGCTCCATGTGAGATGAAAGTTCTGGA
 ATGTGCTGCACCATGCCAGTTCAAGTTTCTCAGACTGCATGCCAGTCCAGTACCACTGAAGTGAAGGGC
 CAGGCTCCATGTAAGACCACAAAGGCAATGCCAGGCCCGTCCAGTCAAAGACTACCCAGGTGAAAT
 ACCAGCTAAGACCAGTGAATAAAGTCCAGGCTCCCTGCCAGACTCAGTTTCTGTGTTCAATGCCA
 GGCTCCATGTCAATCTCAGTTTCTACGTGCAATCCCACAACCTCTCAGACCTATTATGTAGAGTGT
 CCTCCAGTGTACTATACAGAGACTCGTTATGTGGAATATCCGGTTTCAACCTACATGCCTGCTCCAGCCC
 TTCAGCCTGGCTACACTTATGTAGAATGTCCCGCAGTGGGCCAGGGCCAGGGCCAGGGGAGGCTT
 CTCCTCAGTACAGTATCAGGGCTCCTACGGTAGCTGACTCCTCAATCACAGTCACGGCGTTCTTAC
 AGCAGCTGTGGTCCACAGAATCAATCTCAGGCTTCTACAGTTACTGTGAGCCTCAATTTAGTCCGGGC
 TTCTCTACACCAACTGTGGCCCCAGCGCCAGTACAGGCTTCTATGGCAACTGCACCTCCCAACTCCA
 GTCTCGAGCATCTACAGCAACTGCTCCTCCCAGCGTCCGGTCCGGGGCTACCTTTAGCACCTGTGCCACC
 CGATGCCAGTCCCAGGGCACCTATGGAAGTCACTTACAGCGCCGGTCTCAGAGTACCAGCCGATGCC
 TCCCTCCTCGTCGGCTCCAGCCTTCTTATCGCAGCTGCTCCACCAAGACATTTGAACCTGTTATAG
 CAGCTGCCTGCCATCCAGATGCTCTTCAAGGCTCCTACAATTTGCACTCCACCCCGCCGCTCAGAGCCC
 ATCTATGGTAGCCACTGTCCACCTCGGGCCGCCCTTCAAGGCTTCTCAAAGATGTGGACCCAAATGCA
 GGTAGAGATTTCTCCCTTGTGTCGCAAGCAAGTTCCCCCGCAGAGGTGCTCTGCCAGACTGAGGCCA
 CTTAGAGGAAGATCCCAGAGCTGTCCCGCAACCTCTTGGGGTGTCTCTGCCAGACTGAGGCCA
 CGTGCAGACCCACACCCATTCCCAAGGCTTGTAGGCCACAGCATCTTGACCGGTCTCCAGAATCATCAC
 GGCAGAGGTGCCAGTTCCTGCACCACGTCCATATCCACGTCCACAGCCATGCCCAAGCCAGAACCCCG
 TCCGTATCCTCGTCCACAGCCTTGCCCAAGTCCAGAACCCCGCCACGTCTTGTCCACAGCCATGCCCA
 AGTCCAGAACCTCGCCATGCTCTCCATTAAGGCGATTTTCAAGACCTGTCTGTATCCAGAACCATGCT
 CAGCTCCTCAACCAGTCCACATCCAGCACCACGCCAGTCCACGTCCGCGCCAGTTCCTGTGAGAA
 TCCAGTCCACGTCCACAGCCTTGTCTTCTCATCCAGAGCCAATGCCACGTCCAGCGCCCTGTTC
 AGTCCAGAGCCTTGTGGCAACCCGTTCTGTGCCAGTCCCTGCTCAGTCCCAATCCAGTACCTTACC
 GCCAAGAAGTAGGCTGTATGAATCTAACCCATGTGCGCTGGATACCGAAGGCCCGCGCTGTGGCTCATA
 TAACCTCACCAAGGCAAGAGAGTAATGGCAGCTGTGAATCTGGTGTGCTTTTCAGGATCACACGGT
 CTAAGTGGTTGTGGAGACCAAGGAAATACCTGTGGTGGCATGAACTGTGGGGCTTATGGTGGAGCAAAGG
 GAGCTACTTT**TAA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_028629
- Insert Size:** 1974 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_028629.1](#), [NP_082905.1](#)

RefSeq Size: 2738 bp

RefSeq ORF: 1974 bp

Locus ID: 433619

UniProt ID: [B2RUR4](#)

Cytogenetics: 3 F1