

Product datasheet for **RN202226**

Kprp (NM_001002290) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kprp (NM_001002290) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kprp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202226 representing NM_001002290
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGTGACCAGCAAGAGATTCACTGTTGTGGCCAAATACCCAGTGCTGTGCAAGGGTCTCTCTTTG
 GTCCTCACAGTTTCTTATGCCAACAACCAGGTGCTAGTGGAAGCTCCGTGTGAGATGCAATTTCTGGA
 ATGTGCTGCACCATGCCCATCAAGTTTCTCAGACTCCATGCCAGTCCAGTACCACTGAAGTGAAGGGC
 CAGGCTCCATGTAAAACCAACGTTAAATGCCAGACCAAGACCACCCAGGTGAAATGCCAGCCTAAGA
 CCACTGAGATAAAGTCCAGGCTCCCTGCCAGGCTCAGGTTTCTGTGTTCAATGCCAGGCTCCATGCCA
 ATCTCAGGTTTCTATGTGCAAGTTCCACAACCTCCTCAGACCTACTATGTAGAGTGTGCTCCAGTGTAT
 TATACAGAACTCGTTTTGTGGAATATCCAGTTCAAACCTACGTGCCTGTCCAGCTCCTCAGCCTGGGT
 ACATTTATGTAGAATGTCCCTCACTGGCCAGGGCCAGGGCCAGGGAAGTTTCTCCACTCGGTACCAGTA
 TCAGGGATCCTATGGTAGCTGCCTTCTCAATCACAGTCACGGGGTCTTACAGCAGCTGTGGTCCACAG
 CATCAGTCTCAGGCTTCTACAGTACTGCGAACCCAGTTTCAGTCCAGACCCTCTATACCAACTGTG
 GTACTCAGCGCCAGTACAGGCTTCTTTGGCAGCTGCACCTCCCAACTCCAGTCTCAGCATCCTACAG
 CAACTGCTCCTCCAGCGTCCGTCCGGGACTTCTTTAGCACTTGTGCACCTCAATGCCAGGGCCAGGGC
 ACCTATGGAAGCTTACTGCACAGCGCAAGTCTCAGAGTCCAGCCGATGCCTCCCTTCTCGTCGGCTTC
 AGCCTTCTTATCGCAGCTGCTCTCCACCAAGACATTCTGAGCCCTGTTATAGCAGTGCCTGCCATCCCG
 GTGCTCTTCAGGCTCTACAACATTGCACTCCACCCCGCGCTCAGAACCCTACAGGAGCCACTGT
 TCTCCTCGGGCCGCGCTTCAGGCTGTTCTCAAAGATGTGGACCCAAATGCAGGATAGAGATTTCTCGC
 CTTGCTGCCCAAGGCAGGTTCCCCCTCAGAGGTCTCTGTCCAGATTCCCATCAGAGGAAGATCTCG
 GAGTTGTCCCGCAACCTTCTTGGGGTGTCTCTTGCCAGACCTGAGGCCATGCCGAGAACCACATGCA
 TTCCCAAGACCTTGTAGGCCACAGCGTCTTGACCGGTCTCCAGAATCATCATGGCGGCGGTGCCAGTTC
 CTGCACCAGTCCATATCCACGTCCAGAACCATGCCCAAGTCCAGAACCAGTCCATGCCACGCCCACG
 CCCAGTCCAGAGCCATGCCAAGTCCAGAACCAGCCCAGCCCAGTCCAGACCCATGCCAAGTCCA
 GAACTACGCCACGCCACGTCCAGAGCCATGCCAAGTCCAGAACCAGCCCACGTCCAGTCCAGACC
 CATGCCAAGTCCAGAGCCCGCCACGTCCATGTCCAGAGCCATGCCAAGTCCAGAACCCTCGCCCATG
 TCCTCCATTGAGGCGATTTTCAGAACCCTGTCTGTATCCAGAACCATGTTCAAGTTCCTAAGCCAGTGCCA
 TGTCAGTACCATGCCACGCCCACATCCACGCCAGTTCCTGTGAGACTCCAGGTCGAGTCCACAAC
 CCAGTCCCTCGTTACAACCTTGTCCGCATCCAGAACCAATGCCAGTCCAGTGCCTGCTCCAGTCCAGT
 GCCTTGTGGAGATCCCATTCATTGTCCAGTCTTGTCTCAGGTCACAATCCAGTTCCTTACAGCCAGAA
 CTAGGCTGTATGAATCTAACCCATGTCGCTGGATACTGAAGGCCCGAGCTCCTATAGCTTCAGCCAAG
 GGCAAGAGAGTAATGGCTGTGTATCTGGTGGTGTCTTTTCAGGATCACGCGGTTAAGTGGTTGTGG
 AGATCAAGGAAACACCTATCGTGGCATGAATTGTGGGGCTTGTGGTGAACACAGGGAGCCTACTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001002290
- Insert Size:** 2100 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_001002290.1](#), [NP_001002290.1](#)

RefSeq Size: 2815 bp

RefSeq ORF: 2100 bp

Locus ID: 432393

UniProt ID: [Q7TQM5](#)

Cytogenetics: 2q34