

Product datasheet for **RN214572**

Prkcsh (NM_001106806) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prkcsh (NM_001106806) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prkcsh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214572 representing NM_001106806
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTGCTGCTGCTGCTGCTGCTACCCCTCTGTTGGGCAGTAGAAGTTAAGAGACCCCGGGCGTTTCCC
 TCAGCAACCATCACTTCTATGACGAATCTAAACCTTTCACGTGTTTGGATGGCACAGCCACTATCCCTT
 CGATCAGGTGAACGATGATTACTGCGACTGTAAGGATGTTTCTGATGAGCCTGGCACAGCTGCGTGTCCC
 AATGGCAGCTTTCAGTGCACCAACTGGGTATAAGCCTTTGTACATCCTCTCTAGCCGGTCAATGATG
 GGGTGTGTGACTGCTGTGATGGGACGGACGAGTACAACAGTGGCACCGTCTGTGAGAACCTGCAGAGA
 GAAGGGTCGCAAGGAAAAAGAGTCCCTGCAGCAGCTGGCCGAGGTACCCGAGAAGGGTCCGTCTCAAG
 AAGATACTCATTGAGGAGTGAAGACAGCTCGGGAAGAAAAGCAGAGTAAGCTTCTTGAGCTTCAGGCTG
 GAAAGAAGTCTCTGGAAGACCAGGTAGAAACGCTGCGGACAGCGAAAGAGGAAGCAGAGAGGCCAGAGAA
 GGAGGCCAAGGACCAGCACCGGAAGCTGTGGGAAGAGCAGCAGGCTGCTGCCAAGCCCCGGCGGGAACAG
 GAGCTGGCAGCCAGTGCCTTCCAGGAACCTGGACGACAACATGGATGGGCTGGTCTCACTGGCTGAGTTAC
 AGACTCACCCAGAGCTGGACACAGATGGAGATGGAGGACTGTCCGAGGAGGAGGCCAGGCTCTTCTCAG
 TGGAGACACAGACTGACACTACCTCCTTCTATGACCGTGTCTGGGCTGCCATCAGGGACAAGTACCGC
 TCTGAGGTCCCACCCACGGACATACCTGTTCTGAGGTACCCGAACCCAAAGAAGAAAAGCTGCCAGTGT
 TGCCCCCATGGAAGAGGAGGAGGAAGAGGAGGAGCCAGAGGAGGAAGAGGAGGAGGAGGAGGAGGAGGT
 GCCGGGGAGCAGCCCAAGGAGGTCCCGCCCCACAGCAGCCCCACGGCCTCCCAGTCTGTGAGGAT
 GAGAAGATGCCACCCTATGATGAGGAGACACAGGCTATCATCGATGCCGCACAAGAGGCCCGGAACAAGT
 TTGAGGAGTCCGAACGGTCTTGAAGAGATGGAGGAGTCCATCAGGAGTTTGAACAAGAGATCTCCTT
 TGATTTCCGGTCCCTCTGGAGAGTTTGCATACCTCTACAGCCAATGCTACGAGCTCACCAATGAGTAT
 GTCTACCGGCTTTGCCCTTCAAACCTTGTCTCCAGAAAACCCAAACATGGGGGCTCCCCGACCAGTCTGG
 GTACATGGGGCTCCTGGGCTGGCCAGATGACGACAAGTTCAGCGCAATGAAGTACGAGCAGGGCACAGG
 CTGCTGGCAGGGCCCAACCGCTCCACCACAGTACGCCTCCTGTGTGGCAAGGAGACTGTGGTGACCAGT
 ACCACAGAGCCCAGTCTGCGAGTACCTCATGGAGCTGATGACACCAGCAGCCTGCCAGAGCCGCCTC
 CAGAAGTACCCACTGATGGAGACCATGATGAAGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001106806

Insert Size: 1578 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_001106806.2](#), [NP_001100276.1](#)

RefSeq Size: 2011 bp

RefSeq ORF: 1578 bp

Locus ID: 300445

Cytogenetics: 8q13