

Product datasheet for **RR209479**

Ppcs (NM_001039010) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppcs (NM_001039010) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ppcs
Synonyms: RGD1311399
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209479 representing NM_001039010
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGAAATGGACCTGGTGGCTGAGTTGCCCGTCCCAGGGTCTGCGCGCTGGGCCGAGGTTATGG
CTCGCTTTGCGGCCAGGCTGGGCGAGCAGGGCCGGGGTGGTGTGTCACGTCTGGAGGCACTAAGGT
TCCTCTGGAAGCGCGAGCCGTGCGCTTTCTGGACAATTCAGCAGCGGGCGACCGGGGACGCTCGGCC
GAGGTCTTCTGGCTGCCGGCTATGGGGTCTTGTCTTGTACCGAGCACGCTCGGCCTCCCTACGCC
ACCGCTTCCCAGCCAGGCTGGCTGTCAGCCCTTCGGCCTTCTGGCCAGCTCAATCGGCAAGCTGAG
TCTGGAGGCCGAAGAAATGCACTCCCAGGCTTTGCTGCAGCGTTGCAGGGCTACCAAGAGGCAGCTGCT
GCCGGCACCTTCTGGCTGTAGAGTTTACCCTTTGGCGGATTACCTGCATCTGCTGCAGGCTGCGGCC
TGGCTCTCAATCCATTAGGCTCTTCTGCGATGTTTTACCTGGCCGCGCAGTGTGAGATTCTATATTCC
TGTCTGAAATGCCTGAACACAAGATCCACTCATCTGGTGGCCCACTGCAGATAACAATGAAGATGGTG
CCGAAGATGCTCTCTCTGTTAAGGACTGGGCTCCAAAGCATTTATAGTTTCGTTCAAGCTGGAGA
CAGACCCGGACATCATATTAGTCGGGCTCGGAATGCTCTGGAAGTTTACCAGCATCAAGTGTGGTGGC
CAATATCCTGGAGTCAATAAAGTCTTTGTGATTATTGTAACCAAGACTCAGAGACAAAGTTACTGCTG
TCTGAGGACGAGGTAGCAAGAGGCATGGTATAGAAGAGAAGATCGTAGACGACCTTCGGTCTCGACACA
CAGCGTTTATATGTGACAGAAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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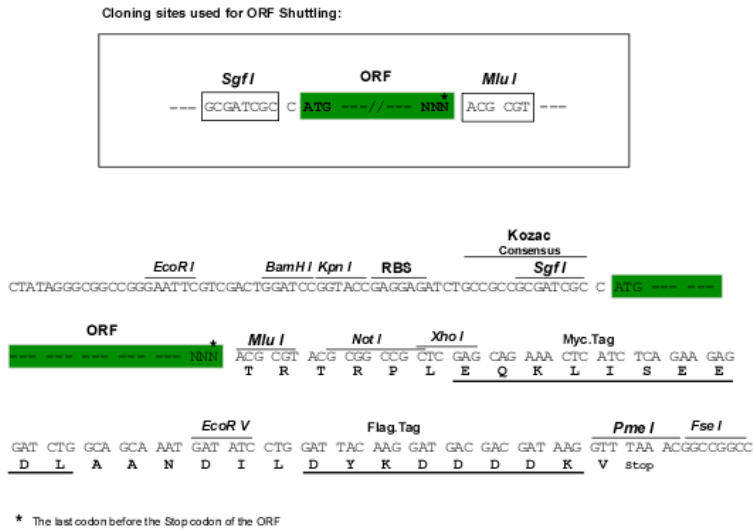
Protein Sequence: >RR209479 representing NM_001039010
 Red=Cloning site Green=Tags(s)

MAEMDLVAELPRPEGAARWAEVMARFAARLGEQGRVVLTSSGGTKVPLEARAVRFLDNFSSGRRGAASA
 EVFLAAGYGVLFLYRARSAPFYAHRFPQAWLSALRPSGPAQSGKLSLEAEENALPGFAALQGYQEAAA
 AGTFLAVEFTTLADYLHLLQAAALALNPLGSSAMFYLAAAVSDFYIPVSEMPEHKIHSSGGPLQITMKMV
 PKMLSPLVKDWAPKAFIVSFKLETDPDIIISRARNALVYQHVVVANILESISKSFVVIIVTKDSETKLLL
 SEDEVARGMVIEEKIVDDLRSRHTAFICDRN

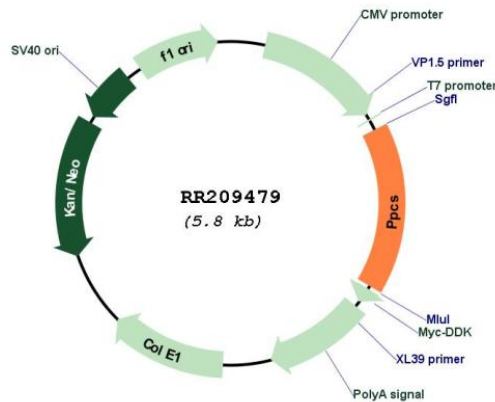
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001039010

ORF Size: 933 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001039010.2 , NP_001034099.2
RefSeq Size:	1371 bp
RefSeq ORF:	936 bp
Locus ID:	298490
Cytogenetics:	5q36
MW:	33.9 kDa