

Product datasheet for **MR207857**

Prcc (NM_033573) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Prcc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR207857 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAACTACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCTCTGGTTGCTTATGCCAGCAGCGACGATAGTGAGCCGGATGAGCCGAGCCGGAGCCGGAGCCGG
 AGGAAGAGGATGTGGCGCTCCTATGCCAGGGCCCACTTTAGGAGGCTGTTTCGCTTCTTCTCCTGCACC
 CAAAGGCCCGGCTTGTGCCCCGCCCCCAGATGCTGGCCCCAGCCTTCCCCCGCCGCTCTGTGCTG
 CCCCCGCCACCGAGACCCAGACTGCAGCCGCTCCGCCGCTGCCCTTTGGCTGGGCGGCTTCCCGC
 CACCTGCAGGAGTGAGCCCTGCTGAAGCTGCGGGAGTTGGAGAGGGGCTGGGGCTGCCATCGCCTCAAGG
 CCTGGGCTCAGTCTGCCCCAGCTGTGGCGGTGTCGGACCCCTTGGGCCTTCCCAAGCCAAAGAAG
 AGAACCGAACCGGTTAGGATAGCGCGCCGGAGCTGCAGAAGGGCGATTGAGATTCTGAGGAAGATGAAC
 CTGCGAAGAAGAAAGTTGCTGTCAGGGATCCGGCGAGGGGACTGGTTTGTCTGCCTTGCTCCCCAACC
 TAAAACTGACTGTGAAAGAGACTAACAGTTGCTCTGCCCATGCCTTCTCCCGAAACCTTCAGAT
 ATCTCCTCAGATGCTAAGCCCTCTAGATTGGCTTCTAAGACCAAGCCCGCTCACTTGCTCCTGTTTGG
 GTACCAACAACCACCACTCCATCACCTCTGCCATCAAGGCTGCTGCCAAGAGTGTGCCCTGCAGGTGAC
 CAAGCAGATAACACAGGAGGATGACGACAGTGACGAGGAAGTTGCTCCTGAGAACTTTTCTCCCTCCCT
 GACAAGGCTGAGCCACCTGGAGTTGAGCCATACCCTTACCCTGTCCCCACTGTCCCTGAAGAGCTGCCTC
 CAGGCACAGAACCAGAACCAGCTTTCCAGGACGATGCAGCCAATGCCCCCTTGAGTTTAAGATGGCGGC
 AGGGTCAAGTGAGCTCCTGGATGCCGAAGCCTGGGGATGACTACAGCTACAATCAGTTTTCCACATAT
 GGCGATGCCAATGCTGCTGGTGCTTATTATCAGGATTACTACAGTGGTGGCTACTATCCTGCACCGGACC
 CGGCTCTGGTCCCTCCCAGGAAATGGCCCTGATGCCTCCTTATTGATGATGAAGCATTTAAGCGCT
 ACAGGGCAAGAGGAACCGAGGAGAGAGGAAATCAACTTTGTGGAGATCAAAGGTGATGACCAACTCAGT
 GGGGCTCAGCAGTGGATGACCAAGTCACTGACAGAAGAGAAAACCTGAAGTCCTTCAGCAAAAAGAAAG
 GTGAACAGCCAACCTGGCCAGCAGCGGAGGAAACACCAGATCACATATCTGATTCATCAGGCTAAGGAGCG
 GGAGCTGGAGCTGAAGAACCTGGTCAGAAAACAAGCTCAGTCGCCGCGAGACCAAGCCAATATGGA
 TTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

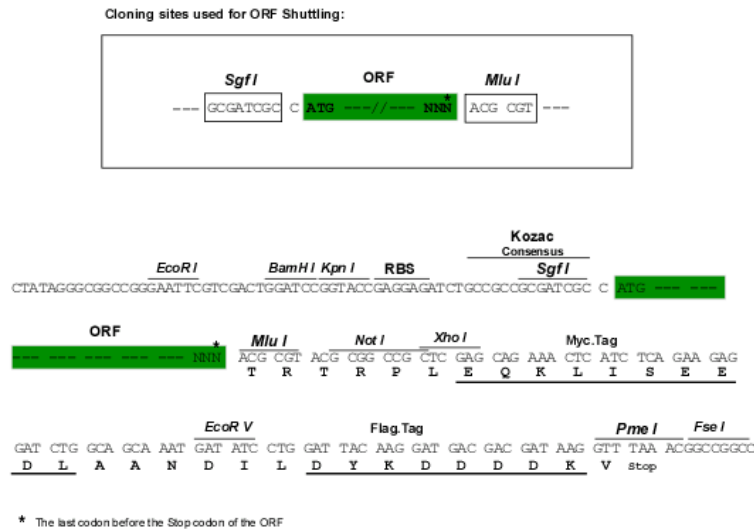
Protein Sequence: >MR207857 protein sequence
 Red=Cloning site Green=Tags(s)

MSLVAYASSDDSEPDEPEPEPEPEEEDVAAMPMPGPTLGGLFASLPAPKGPALLPPPPQMLAPAFPPLLL
 PPPTGDPRLQPPPLPFGLGGFPPPAAGVSPAEAAAGVGEGLGLPSPQGPGLSLPPAVGVGPPLGLPKPKK
 RTEPVRIAAPELQKGDSDSEDEPAKKKVVQLQSGEGTGLSALLPQPKNLTVKETNRLLLPHAFSRKPSD
 ISSDAKPSRLASKTKPASLAPVLGTTTTTPSPSAIKAAKSAALQVTKQITQEDDDSDSEEVAPENFFSLP
 DKAEPGPVEPYYPVPTVPEELPPGTEPEPAFQDDAANAPLEFKMAAGSSGAPWMPKPGDDYSYNQFSTY
 GDANAAGAYYQDYSSGGYYPADPALVPPQEIPDASFIDDEAFKRLQGKRNRGREEINFVEIKGDDQLS
 GAQQWMTKSLTEETMKSFSKKKGEOPTGQRRKHQITYLIHQAKERELELKNWSENKLSRRQTQAKYG
 F

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_033573

ORF Size: 1473 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:

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.

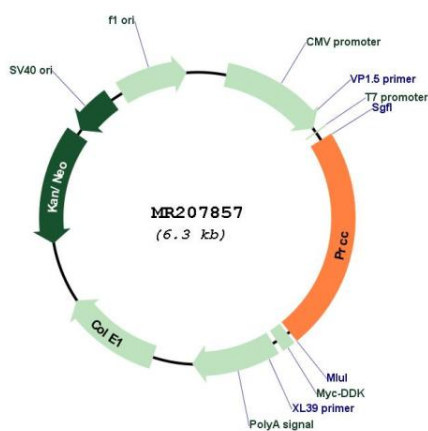
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_033573.2](#)

RefSeq Size: 2090 bp

RefSeq ORF: 1476 bp
 Locus ID: 94315
 Cytogenetics: 3 F1
 MW: 52.3 kDa

Product images:



Circular map for MR207857