

Product datasheet for **MR207132**

PPP2R2C (NM_172994) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R2C (NM_172994) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PPP2R2C
Synonyms:	6330548O06Rik; IMYPNO; IMYPNO1; PR52
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207132 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCGAGGACACGGACACGCGGAAAATTAACCACAGCTTCCTGCGGGACCACAGCTATGTGACAGAAG
 CTGACGTCATCTCCACTGTCGAGTTCAACCACACTGGGGAAGTGCCTGCCACAGGTGACAAGGGTGGCCG
 GGTGGTTATCTCCAGCGGGAACAGAGAGTAAGAACGCACCTCACAGCCAGGGTGAAGTACGATGTATAC
 AGCACCTTCAGAGCCACGAGCCGGAGTTTACTACCTGAAGAGCCTGGAGATAGAGGAGAAAATCAACA
 AGATCAAATGGCTCCCGCAGCAGAACGCCGCGCACTCGCTGCTGCCACCAATGATAAACTATCAAATT
 ATGGAAGATTACCGAACGAGACAAGAGGCCCGAGGGCTACAACCTGAAGGATGAGGAGGAAAGCTGAAG
 GACCTGTCCACGGTACGTCCTGCAGGTGCCTGTGCTGAAGCCATGGACCTGATGGTGGAGGTGAGCC
 CAAGAAGGACCTTGCCAATGGCCACACCTACCACATCAACTCCATCTCCGTCAACAGCGACTGTGAGAC
 GTACATGTCAGCGGACGCTACGCATCAACCTCTGGCATCTGGCCATCACTGATCGGAGCTTCAACATT
 GTAGACATCAAGCCAGCCAACATGGAGGACCTCACGGAGGTGATCACAGCATCCGAGTTCATCCGACC
 ACTGCAACCTCTTCGTCTACAGCAGCAGCAAGGGCTCCCTGCGGCTCTGTGACATGCGGGCAGCTGCCTT
 GTGCGACAAGCACTCCAAGCTCTTTGAAGAGCCCGAGGACCCAGCAACCCTCTTCTTTTCAGAGATC
 ATCTCCTCGGTGTCGACGTGAAGTTCAGCCACAGTGGGCGCTACATGCTCACGAGGGATTACCTCACGG
 TCAAGGTCTGGGACCTGAACATGGAGGCGAGGCCCATAGAGACCTACCAGGTCCACGACTACCTGCGGAG
 TAAGCTCTGTTCCCTGTATGAGAGTGACTGCATCTTTGACAAGTTGAGTGTGCCTGGAATGGGAGTGAC
 AGTGTGTCATGACAGGGGCTACAACAACCTTCTCCGCATGTTGACCCGTAACACCAAGAGGGACGTGA
 CACTGGAAGCCTCGCGGAGAGCAGCAAACCCAGAGCGGTGCTCAAGCCAAGGCGGTGTGTGGGTGG
 CAAGCGGCGGCGTACGACATCAGTGTGGACAGCTTGGACTTACCAAGAAGATCCCTGCACACGGCCTGG
 CACCCAGCTGAGAATATCATTGCCATTGCAGCCACCAACAACCTGTACATCTTCCAGGATAAGGTCAACT
 CTGACATGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207132 protein sequence
 Red=Cloning site Green=Tags(s)

MGEDTDRKINHSFLRDHSYVTEADVISTVEFNHTGELLATGDKGGRVVIFQREPESKNAPHSQGEYDVY
 STFQSHEPEFDYLSLEIEEKINKIKWLPQONAAHLLSTNDKTIKLWKITERDKRPEGYNLKDEEGKLLK
 DLSTVTSLSLQVPVLPMDLMVEVSPRRTFANGHTYHINSISVNSDCETYSADDLRINLWHLAITDRSFNI
 VDIKPANMEDL TEVITASEFHPHCNLFVYSSSKGSLRLCDMRAAALCDKHSLFEPEPDSNRSFFSEI
 ISSVSDVKF SHSGRYMLTRDYLTVKVDLNMEARPIETYQVHDYLRSLKCSLYESDCIFDKFECAWNGSD
 SVIMTGAYNNFFRMDRNTKRDVTLASRESSKPRAVLKPRRVCVGGKRRRDDISVDSLDFTKKILHTAW
 HPAENIIAIAATNNLYIFQDKVNSDMH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

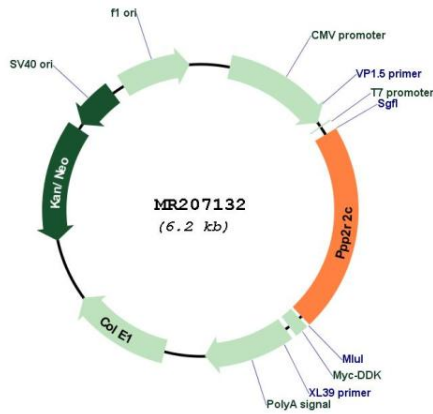
SgfI-MluI

Cytogenetics: 5 B3

MW: 51.5 kDa

Gene Summary: The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207132