

## Product datasheet for MC207819

### Ppcs (NM\_026494) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ppcs (NM_026494) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppcs
Synonyms:	6330579B17Rik; AI413471; AI790434
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC207819 representing NM_026494 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGGAAATGGACCTGGTGGCTGAGTTGCCCGTCCTGCGGGTCTGCGCGCTGGGCCGAGGTTATGG  
CTCGCTTTCGCGCCAGGCTGGGCGAGCAGGGCCGCGGGTGGTGTGATCACATCTGGAGGCACCAAGT  
CCCCCTGGAAGCGCGAGCCGTGCGCTTCTGGACAACCTCAGTAGCGGGGACGCGGAGCCGCTCGGCC  
GAGGTCTTCTGGCTGCCGGCTATGGAGTCTGTTCTTGTACCGAGCGCGCTCGGCCTTCCCTATGCC  
ACCGCTTCCCAGCCAGGCTGGCTGTCAGCCCTTCGGCCTTCTGGCCCAGCCAGTCGGCAAGCTGAG  
TCTGGAGGCCGAAGAGAAATGCGCTCCCGGGCTTGTGTCAGCATTGCAGAGCTACCAAGAGGCAGCCGCT  
GCCGGCACCTTCTGGCTGTAGAGTTTACCCTTTGGCGATTATCTGCATCTGCTGCAGGCTGCTGCC  
TGGCTCTCAGTCCATTAGGCTCTTCTGCGATGTTTTACCTGGCCGCGCAGTGTGAGATTCTATATTCC  
TGCTCCGAAATGCCTGAACACAAGATCCACTCATCTGGTGGCCCACTGCAGATAACAATGAAGATGGTG  
CCAAAGATGCTTCCCCTCTGGTCAAAGACTGGGCTCCTAAAGCGTTTGTAGTTTCTTTAAGCTGGAGA  
CAGACCCGGACATCATAATCAGTCGGGCTCGGAATGCTTTGGAAGTTTACCAGCATCAGGTGGTGGTGGC  
CAACATCTGGAGTCAATAAAGTCTTTGTGATTATTGTAACCAAGACTCGGAGACAGAGTTACTGCTG  
TCCGAGGAGGAGGTGGCAAAGGCTTGGTATAGAAGAGAAGATAGTAGATGACCTTCGGTCTCGACACA  
CAGCTTTTATATGTGACAAAACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_026494
Insert Size:	936 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_026494.3</a> , <a href="#">NP_080770.2</a>
<b>RefSeq Size:</b>	1440 bp
<b>RefSeq ORF:</b>	936 bp
<b>Locus ID:</b>	106564
<b>UniProt ID:</b>	<a href="#">Q8VDG5</a>
<b>Cytogenetics:</b>	4 D2.1
<b>Gene Summary:</b>	Catalyzes the first step in the biosynthesis of coenzyme A from vitamin B5, where cysteine is conjugated to 4'-phosphopantothenate to form 4-phosphopantothenoilcysteine. [UniProtKB/Swiss-Prot Function]