

Product datasheet for **RN204801**

Pck2 (NM_001108377) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pck2 (NM_001108377) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pck2
Synonyms:	PEPCK-M
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204801 representing NM_001108377
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTGCTATGTACCTCCCCGGCTGCGGCTTAGCTGGCACAGGCTGAGGCCCTGGTGCCGGTCCACCAT
 GCCGTAGCATCCAAACCTGCGCGTGCTCAGTGGAGATCTGAGCCAGCTGCCGGCTGGGGTTCGAGACTT
 TGTGGAGCGCAGTGCCCATCTGTGCCAACAGCAGGCATCCATATTTGTGATGGGACTGAGGCTGAGAAC
 GCTGCCACGCTGGCCCTGCTGGAAGAGCAGGGTCTTATCCGGAAGCTCCCCAAGTATGAGAACTGCTGGC
 TGGCCCGCACAGACCCCAAGGATGTGGCACGGGTAGAAAGCAAGACGGTGATTGTAACCTCTTCGCAGCG
 GGACACAGTGCCTCTCCTGGCTGGTGGGCCAGTGGGCAGCTGGGCAACTGGATGTCCCAGATGAGTTC
 CAGAGAGCTGTGGACCAGAGATCCCAGGATGCATGCAGGGCCGACCATGTATGTGCTTCCGTTACAGCA
 TGGTCCCTTGGCTCCCGCTCTCCCGCATTGGAGTGCAGCTCACTGACTCGCCTTATGTAGTGGCAAG
 CATGCGGATTATGACCCGCTGGGGACACATGTACTCCAGGCCCTGGGAGATGGTGACTTCATCAAGTGT
 CTGCATTCGGTGGCCAGCCCTGACTGGACATGGGGATCCTGTGGGCCGGTGGCCATGCAATCCGGAAA
 AAACCCCTGATTGGCCACGTGCCGGAGCAGCGGGAGATCGTCTCCTTCGGCAGCGGCTATGGTGGAACTC
 CTTGCTGGGAAGAAGTGTTCCTGCGCATCGCCTCTCGCCTGGCCAGGGATGAGGGCTGGCTGGCA
 GAACACATGCTGATTTTGGGCATACCAACCCCGAGGGAAAAAGCGCTATGTGGCAGCTGCTTCCCCA
 GTGCTGTGGCAAGACCAATCTGGCCATGATGCGGCCCTGCTTGGCAGGCTGAAAGTGGAGTGTGTGGG
 GGATGACATCGCTGGATGAGGTTTGACAGTGAAGGTCAACTCCGGGCCATCAACCCTGAGAATGGCTTC
 TTCGGGTGGCCCTGGTACCTCTGCCACCACCAATCCCAATGCCATGGCCACAATCCAGAGTAACACTG
 TCTTCACCAATGTGGCTGAGACCAGTGTGGCGTGTGTACTGGGAAGGCATTGACCAGCCTCTCCACC
 TGGTGTACCGTAACCTCCTGGCTGGGAAAGCCATGGAACCTGGGGACAAGGAACCTGTGCGCATCCA
 AACTCTCGCTTTTGTGTCGGCTCGCCAGTGCACCATCATGGACCCAGCCTGGGAGGCACCAGAAGGTG
 TTCCAATTGATGCCATCATCTTCGGAGGCCGAGACCTAAAGGGGTACCACTGGTGTATGAGGCCTTCAG
 CTGGCGCCATGGGGTGTTCGCGTGTGCGCTCTGAGTCCACTGCAGCTGCTGAACACAAGGGA
 AAGACCATTATGCACGATCCCTTGGCATGCGACCTTTTTTGGCTATAACTTCGGACACTACCTGGAAC
 ACTGGTTGAGCATGGAGGGACGAAAAGGTGCCCGCTGCCTCGTATCTTCCATGTCAACTGGTCCGGAG
 AGATGAAGCAGGCCGCTTCTGTGGCCAGGCTTTGGGAAAACGCTCGCGTGCTAGACTGGATCTGCCGA
 AGATTAGGAGGAGAAGACAGTGCCCGAGAGACTCCCATTTGGGCTCGTACCAAAGGAAGGAGCCCTGGATC
 TCAGTGGCTCCGAGCAATAGATACCAGTCAGCTTCTCCATCCCAAGGACTTCTGGGAACAGGAGGT
 TCGTGATATTAGGAGCTACCTGACAGAGCAAGTCAACCAGGATCTGCCAAAGGAGGTGTTGGCTGAGCTC
 GAGGCCCTGGAAGAGCGCGTGCAAAAAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108377
- Insert Size:** 1923 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_001108377.2](#), [NP_001101847.2](#)

RefSeq Size: 2203 bp

RefSeq ORF: 1923 bp

Locus ID: 361042

Cytogenetics: 15p13