

Product datasheet for **RN202045**

Naprt (NM_207609) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Naprt (NM_207609) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Naprt
Synonyms:	Naprt1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202045 representing NM_207609
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGATGGAGCTGGACGACCAGGGGCGCATGGTGGTGGCGCCGCTGCTCACCGACCTCTACCAGGCTA
 CAATGGGGCTGGGATACTGGCGTGGCGGCCGGGCATGTGAGGAAGCAGAGTTCGAACTCTTCTCCGCCA
 CTGCCCTTCGGAGGTTCTTTGCCCTGACCGCTGGCCTGCAGGACTGTATACGCTTTCTTCGCGCCTTC
 CGTCTGCGCGATGCAGATGTGCAGTTCTGGCTTCAGTGTACCCCCAGACACTGACCCTGCGTTCTTCG
 AGCACCTTCGAGCCCTTGACTGCTCTGGGTGTCGGTGCAGCCCTGCCGGAGGGTTCCCTCGCTTCCC
 TGGTGTGCCACTTCTGCAGGTGTCGGGGCTCTTCTTCTGGTACAGCTGCTAGAGACTCCGCTGCTGTGT
 CTGGTCAGCTACGCTAGCCTCGTAGCCACCAATGCTGCTCGGCTTCGCTTATTGCAGGACCGGACAAGA
 GACTACTAGAGATGGGCTTGGCGGAGCTCAGGGTCCCGATGGGGGCTTACGGCCTCCATTTACAGCTA
 CCTGGGTGGGTTTGACAGCAGCAGCAACACACTTCTGGACAACAGAGAGGTGTGCCCGTGGCAGGGACC
 CTGGCCCACTCCTTCATCACTTCATTTTTGGGTAGTGAGGTACCCCTGACCCGATGTTGGCTCCAGCTT
 CTAGTGAGGGCCCTGCCGTGGACCTGCCTGCCAGTGTAATTTGTGGCTGAAGCATGTGTGCATCTACTT
 GGGGCTGGAGGAGCGGGAGCCACATCTGGGGAAACGAGCAGCATTTGTGGCCTATGCGCTGGCCTCCCC
 CGGGCTTTCAGGGCCTGCTAGATTCTACAGCGTACGACGAGTGGTCTTCTAACTTCTGGCAGTAG
 CCCTGGCACTTGGGGAACGGGCTACAGGGCAGTGGGTGTGAGGCTGGACAGCGGTGACCTGCTTCAGCA
 GGCTAAGGAGATCCGAGGGATCTTTCGAACTGTTGGTGTGAGTTCAGATGCCCTGGCTAGAGTTCGTT
 CCCATTGCAGTCAGCAACAACATTGACGAGAAGGAGCTGGCAAGGCTAGCCAAAAGGGCAGTGGGTGA
 ATGTCATCGGCATTGGCACCAATGTGGTCACTTGTCCAAACAGCCTTCTATGGGCTGTGTACAAGCT
 GGTGTCCGTGGGAGGCCAACCTCGAATAAAGCTGACGGAGGAATCCAGAAAGGAAACACTGCCAGGGAGC
 AAGGCTGCCTTCCGGTCTCTGAGGGTCTTGTCTACTGGACCTACTGCAGTTAGCAGAAGAGC
 CCCCACCAAGGCTGGCAGGAACTCAGGGTATGGCTTACGGGGCCAGGAGCCCTGCACTGTGAAGCC
 AGCCAGGTGGAGCCATTGCTGCGACTGTACCTGCAACAGGGACAGCCGTATGAACCACTTCCATCTCTG
 GAAGAGTCCAGAGCCTTGGCCAGCAGTCCCTGAGCCGCTCCGACCAGCTCATAAGCAGCTGCAGAACC
 CTGCTGTATACCAGTGCATTGTCAGAGAAGCTTCGGGCACTGGTGGACAGTCTGAGTGTGCGAGGTGC
 CCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_207609

Insert Size: 1617 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_207609.1](#), [NP_997492.1](#)

RefSeq Size: 1858 bp

RefSeq ORF: 1617 bp

Locus ID: 315085

UniProt ID: [Q6XQN1](#)

Cytogenetics: 7q34

Gene Summary: may act as a nicotinate phosphoribosyltransferase in NAD salvage synthesis [RGD, Feb 2006]