

Product datasheet for **RC223190A1V**

Human PEAMT (PEMT) (NM_007169) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human PEAMT (PEMT) (NM_007169) AAV Particle
Tag: Myc-DDK
Symbol: PEAMT
Synonyms: PEAMT; PEMPT; PEMT2; PLMT; PNMT
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC223190 representing NM_007169
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGACCCGGCTGCTGGGCTACGTGGACCCCTGGATCCCAGCTTTGTGGCTGCCGTCATCACCATCACCT
 TCAATCCGCTCTACTGGAATGTGGTTGCACGATGGGAACACAAGACCCGCAAGCTGAGCAGGGCCTTCGG
 ATCCCCCTACCTGGCTGCTACTCTCTAAGCGTCACCATCCTGCTCCTGAACTTCTGCGCTCGCACTGC
 TTCACGCAGGCCATGCTGAGCCAGCCAGGATGGAGAGCCTGGACACCCCGCGGCTACAGCCTGGGCC
 TCGCGCTCTGGGACTGGGCGTCTGCTCGTCTCCAGCTTCTTTGCACTGGGGTTGCTGGAATTT
 CCTAGGTGATTACTTCGGGATCCTCAAGGAGCGGAGAGTGACCGTGTTCCCTTCAACATCCTGGACAAC
 CCCATGTACTGGGAAGCACAGCAACTACCTGGGCTGGGCCATCATGCAGCCAGCCACGGGCTGC
 TCCTGACGGTGTGGTGGCCCTCACCTACATAGTGGCTCTCTATACGAAGAGCCCTTACCCTGAGAT
 CTACCGGCAGAAAGCCTCCGGTCCCACAAGAGGAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC223190 representing NM_007169
Red=Cloning site Green=Tags(s)

MTRLLGYVDPLDPSFVAAVITITFNPL YNVVARWEHKTRKLSRAFGSPYLACYSLSVTILLNFLRSHC
 FTQAML SQPRMESLDTPAAYSLGLALLGLGVVLVLSFFALGFAGTFLGDYFGILKEARVTVFPFNILDN
 PMYWGSTANYL GWAIMHASPTGLLLTVLVALTYIVALLYEEPFTA EIYRQKASGSHKRS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human



Serotype:	AAV-2
ACCN:	NM_007169
ORF Size:	597 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_007169.2</u>
RefSeq Size:	1008 bp
RefSeq ORF:	600 bp
Locus ID:	10400
UniProt ID:	<u>Q9UBM1</u>
Cytogenetics:	17p11.2
MW:	22 kDa