

Product datasheet for **MR218917A1V**

Mouse Pde7b (NM_013875) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pde7b (NM_013875) AAV Particle
Tag:	Myc-DDK
Symbol:	Pde7b
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR218917 representing NM_013875 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTCTGTGTTAATGGTTGAGAGGTGTGGCGAAGTCTTGTGTTGAGAGCCCTGAACAGAGTGTCAAATGTG
TTTGCATGCTAGGAGATGTACGACTAAGGGGTGACAGCGGGGTTCTGCCGAACGCCGTGGCTCTACCC
ATTCATTGACTTCCGTCTACTTAACAATACAACACACTCAGGGGAAATTGGCACCAAGAAAAAGGTGAA
CGACTGTTAAGTTTCAAAGATACTTCCATGCATCTAGGCTTCTCCGGGGGATTATACCGCAGGCCCTC
TCCACCTGCTGGATGAAGACTACCTTGGACAAGCAAGGCACATGCTCTCAAAGTTGGAACGTGGGACTT
TGACATTTTCTGTTGATCGCTTGACAAATGGGAACAGTCTGGTAACCTCTGTTGTGTCACCTCTTCAAC
TCCCATGGGCTCATCCACCATTTCAAGCTCGATATGGTGACCTTGACAGGTTTCTGGTTATGGTTCAAG
AAGATTACCACGGTCACAACCCATACCACAATGCTGTTACGACGACCGACGTACCCAGGCCATGCACTG
TTACCTGAAGGAGCCAAAGTTGGCAAGCTTCTCACACCTCTGGACATCATGCTTGGACTACTGGCTGCA
GCAGCTCATGACGTGGACCAACCCAGGGGTCAACAGCCATTTTGTGATCAAACTAACCACCATCTTGCCA
ACCTGTATCAGAATATGTCTGTACTGGAGAATCACCCTGGCGATCTACAATTGGCATGCTTCGAGAATC
ACGGCTCCTGGCTCACTTGCCAAAGGAAATGACACAGGATATCGAACAGCAGCTGGGCTCCCTCATCTTG
GCCACGGATATCAACAGACAGAATGAGTTTCTGACCCGCTTAAAGCTCACCTCCACAATAAAGATTTGA
GACTGGAGAATGTACAGGACAGACATTTATGCTTCAGATCGCCTTGAAGTGTGCTGACATTTGCAATCC
TTGTCGTATCTGGGAGATGAGCAAGCAGTGGAGTGAAAGGGTCTGTGAGGAATCTACAGACAAGGTGAC
CTTGAACAGAAGTTTGAAGTGGAAATCAGTCTCTTTGTAATCAACAGAAAGATTCAATCCCTAGCATAC
AAATTGGTTTTCATGACTTACATCGTGGAGCCGCTGTTCCGGGAGTGGGCCCGGTTTACTGGGAACAGCAC
CCTGTCGGGAGAACATGCTAAGCCATCTCGGCACAACAAGGCCAGTGAAGAGCCTGCTGTCCAATCAG
CACAGACGAGGGGCAGCGCCAGGACCTGGCGGGCCCGCACCTGAGACCTGGAGCAGACAGAAGGTG
CCACGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR218917 representing NM_013875 Red=Cloning site Green=Tags(s) MSCLMVERCGEVL FESPEQSVKCVCM LGDVRLRGQTGVPAERRGSYPFIDFRLNNTTHSGEIGTKKKVK RLLSFQRYFHASRLLRGIIPQAPLHLLDEDYLGQARHMLSKVGTWDFDIFLFDRLTNGNSLVTLCHL FN SHGLIHHFKLDMVTLHRFLVMVQEDYHGHNPHYHNAVHAADVTQAMHCYLKEPKLASFLTPLDIMLGLLAA AAHDVDHPGVNQPFLLIKTNHHLANLYQNMSVLENHHWRSTIGMLRESRLLAHLPKEMTQDIEQQLGSLIL ATDINRQNEFLTRLKAHLHNKDLRL ENVQDRHFMLQIALKCADICNPCR IWEMSKQWSERVCEEFYRQGD LEQKFELEISPLCNQQKDSIPSIQIGFTYIVEPLFREWARFTGNSTLSENMLSHLAHNKAQWKSLLSNQ HRRRGSGQDLAGPAPETLEQTEGATP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_013875
ORF Size:	1338 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_013875.5</u>
RefSeq Size:	4127 bp
RefSeq ORF:	1341 bp
Locus ID:	29863
UniProt ID:	<u>Q9QXQ1</u>
Cytogenetics:	10 A3
MW:	51.8 kDa