

Product datasheet for **MR220190A1V**

Mouse Npas4 (NM_153553) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Npas4 (NM_153553) AAV Particle
Tag:	Myc-DDK
Symbol:	Npas4
Synonyms:	LE-PAS; Nxf
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR220190 representing NM_153553
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTACCGATCCACCAAGGGCGCCTCCAAGGCGCGCCGACCGAGATCAACGCCGAGATTCGGAACCTCA
 AGGAGCTGCTGCCGTTGGCTGAAGCGGACAAGGTCCGGCTGTCTACCTGCACATCATGAGTCTTGCCTG
 CATCTACACTCGCAAGGGTGTCTTCTTTGCTGGAGGCACTCCTTTGGCTGGCCCCACCGGCTTCTCTCT
 GCTCAAGAGCTTGAAGACATTGTGGCAGCACTACCTGGATTTCTCCTTGATTACAGCTGAGGGGAAGT
 TGCTATACCTGTCGGAGAGTGTGAGCGAGCATCTGGGCCACTCTATGGTGGACCTGGTTGCCAGGGCGA
 CAGTATCTACGATATCATTGACCCTGCTGACCATCTCACTGTGCGCCAGCAGCTCACCATGCCCTCTGCT
 CTGGATGCTGATCGCCTTTCCGTTGTCGATTCAACACCTCCAAGTCCCTCCGGCGCCAGAGTTCAGGAA
 ACAAAGTGGTGTATTTCGAGGTCGATTCCATGCTCACCACCTGGGGCCTACTGGGCAGGAAACCTGT
 GTTCACCGCTTTCTGCGCCCCACTGGAGCCAAGACCCCGCCCTGGCCCCGGCCCTGGCCCTGGCCCTGGT
 CCTGCTTCTCTTCTCTGGCCATGTTCCAGAGCCGGCATGCTAAGGACCTAGCCCTACTGGACGTTTCTG
 AAAGTGTCTTAATCTACCTGGGCTTTGAGCGCAGCGAAGTCTCTGTAATCATGGTATGGACTGCTACA
 CCCCAGGAGCTGGCCCAAGCTTCTTCTCAACACTACCGCTGTTGGCTGAAAGTGGAGATATTAGGCT
 GAAATGGTGGTGAAGTCAAGCCAAGCATGGAGGCTGGACATGGATTTACTGCATGCTATACTCAGAAG
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 GCTAAACTCTGAAGACACCCAGGAGCCTATGTCTAGGAACCCAGCTGTGCTACCCTCATTCTCTGAG
 AATGTCTTCTCCAGGAGCAATGCTCTAATCCACTCTTACACCATCCCTGGGGACTCCTAGAAGTGCCA
 GCTTCCCCAGGGCTCCTGAAGTGGTGTGATCTCAACACCAGAAGAGCTTCCCCAACCTCCAAAGAGCT
 GGACTTCAGTTACCTGCCATTCCCTGCTAGGCCCTGAGCCTTCCCTCCAAGCAGACCTGAGCAAGGATTTG
 GTGTGTACTCCACCTTACACACCCACAGCCAGGAGGCTGTGCCTTCTCTTACGCTCCATGAACCT
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 TGAACAGTTGACACCCAGCAGTGCTACCTTCCAGACCCACTAACCAGTTCACCTACAAGGACAGTTGACA
 GAAAGCTCAGCCAGAAGCTTTGAAGACAGTTGACTCCATGCACCTTTCCTTCCCTGACCAGCTACTTC
 CCAGCACTGCCACATTCCAGAGCCTCTGGGCAGCCCCGCCCATGAGCAGCTGACTCCTCCAGCACAGC
 ATTCAGGCTCATCTGAACAGCCCCAGCCAAACCTTCCAGAGCAACTGAGCCCCAATCCTACCAAGACT
 TACTTCGCCCAGGAGGATGCAGTTTTCTCTATGAGAAGTTGCCCAAGTCTAGCAGCCCTGGTAATG
 GGGACTGTACACTCCTGGCCCTAGCTCAGCTCCGGGGCCCCCTCTCTGTGGATGTCCCCCTGGTGCCGA
 AGGCCTGCTCACACCTGAGGCCTCTCCAGTCAAGCAAAGTTTCTTCCACTACACAGAGAAAGAGCAAAAT
 GAGATAGATCGTCTATTACAGCAGATCAGCCAGTTGGCTCAGGGCGTGGACAGGCCCTTCTCAGCTGAGG
 CTGGCACTGGGGGGCTGGAGCCACTTGGAGGGCTGGAGCCCCTGAACCCTAACCTGTCCCTGTGAGGGC
 TGGACCCCTGTGCTTAGCCTGGATCTTAAACCTGGAATGCCAGGAGCTGGACTTCTGGTTGACCCT
 GATAATTTATTCCTGGAAGAGACGCCAGTGAAGACATCTTCATGGATCTTTCTACTCCAGACCCCAATG
 GGAATGGGGTTCAGGGGATCCTGAGGCAGAGGTCCAGGAGGGACCTGTACCTTGCAACAACCTGTC
 CCCAGAAGATCACAGTTCTGGAGGACTTGGCCACCTATGAAACCGCCTTTGAGACAGGTGTCTCAACA
 TTCCCCTACGAAGGGTTTGCTGATGAGTTGCATCAACTCCAGAGCCAAGTTCAAGACAGCTTCCATGAAG
 ATGGAAGTGGAGGGGAACCAACGTTT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR220190 representing NM_153553 Red=Cloning site Green=Tags(s) MYRSTKGASKARRDQINAEIRNLKELLPLAEADKVRLSYLHIMSLACIYTRKGVFFAGGTPLAGPTGLLS AQELEDIVAALPGFLLVFTAEGKLLYLSSEVSEHLGHSMVDLVAQGDSIYDIIDPADHLTVRQQLTMP LDADRLFRFRNTSKSLRRQSSGNKLVLRGRFHAHPPGAYWAGNPVFTAFCALEPRPRPGPGPGPG PASLFLAMFQSRHAKDLALLDVSESVLIYLGFERSELLCKSWYGLLHPEDLAQASSQHYRLLAESGDIQA EMVVRQLAKHGGWTWIYCMLYSEGPEGPIITANNYPISDTEAWSLRQQLNSEDQAAYVLGTPAVLP SFSENVFSQECCSNPLFTPSTGTPRSASFPRAPELGVISTPEELPQPSKELDFSYLPFPARPEPSLQADL SKDLVCTPPYTPHQPGGCAFLFSLHEPFQTHLPPSSSLQEQLTPSTVTFSEQLTPSSATFPDPLTSS LQGQLTESSARSFEDQLTPCTSSFPDQLLPSTATFPEPLGSPAHEQLTPPSTAFQAHNPSQT TFPEQLSPNPTKYFAQEGCSFLYEKLPPSPSSPGNGDCTLLALAQLRGPLSVDVPLVPEGLLT PEASPVKQSFHYTEKEQN EIDRLIQQISQLAQGVDRPFSAEAGTGGLEPLGGLEPLNPNLSL SGAGPPVLSLDLKPWKQELDFLVDPDNLFLEETPVEDIFMDLSTDPNGEWGSGDPEAEVPGGTL SPCNNLSPEDHSFLEDLATYETAFETGVSTFPYEGFADELHQLQSQVQDSFHEDGSGGEPTF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_153553
ORF Size:	2406 bp
Buffer:	PBS with 0.001% Pluronic F3073
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_153553.4</u> , <u>NP_705781.1</u>
RefSeq Size:	3292 bp
RefSeq ORF:	2409 bp
Locus ID:	225872
UniProt ID:	<u>Q8BGD7</u>
Cytogenetics:	19 A
MW:	87.3 kDa