

Product datasheet for **MR209281A1V**

Mouse Ptpn11 (NM_011202) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ptpn11 (NM_011202) AAV Particle
Tag:	Myc-DDK
Symbol:	Ptpn11
Synonyms:	2700084A17Rik; AW536184; PTP1D; PTP2C; SAP-2; SH-PTP2; SH-PTP3; SHP-2; Shp2; Syp
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209281 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGACATCGCGGAGATGGTTTACCCCAACATCACTGGTGTGGAGGCAGAGAATCTCCTGCTGACCAGAG
 GAGTCGATGGCAGTTTTTTAGCAAGGCCAGTAAGAGTAACCCTGGAGACTTCACCTCTGTCTGTTAGAAG
 AAATGGAGCTGTTACCCACATCAAGATTCAAGCACTGGGACTACTATGACCTCTATGGTGGGAGAGAAG
 TTTGCCACTTTGGCTGAAGTGGTTCAATTACATGGAACACCATGGGCAGCTGAAAGAGAAGAATGGAG
 ATGTTATCGAGCTCAAGTACCCGCTGAAGTGTGACAGCCCTACCTCTGAAAGGTGGTTCCATGGTCACTT
 GTCTGGAAAAGAAGCAGAGAAGTGTGACGGAGAAGGGCAAGCATGGCAGCTTCCTCGTTGAGAGAGC
 CAGAGCCACCCCGGAGACTTCGTTCTCTCCGTGCGCACTGGTGACGACAAAGGGAGAGCAACGACGGCA
 AGTCCAAAGTGACCCACGTGATGATCCGCTGTGAGGAGCTGAAATACGACGTTGGTGGGGGAGAGCGCTT
 TGAATCTCTGACAGACCTGGTGGAGCATTACAAGAAGAACCCCATGGTGGAGACGCTGGGCACAGTCCTG
 CAGCTCAAGCAGCCCCTCAACACAACCTCGTATCAATGCTGCTGAAATTGAAAGCCGGGTTTCGAGAGTTAA
 GCAAGCTGGCTGAGACCACAGATAAAGTCAAGCAGGGCTTTTGGGAAGAGTTTGAGACGCTCCAGCAACA
 GGAATGCAAACTTCTCTATAGCCGAAAAGAAGGACAGAGACAAGAAAATAAAACAAAAACAGATACAAA
 AACATCCTGCCCTTTGATCATACAGGGTCGTTCTGCATGATGGGGATCCCAATGAGCCTGTTTCTGATT
 ACATTAATGCAAAACATCATGCTGAGTTTGAGACCAAGTGAACAATTCCAAACCCAAAAAGAGTTA
 CATTGCCACTCAAGGCTGCCTGCAGAACCGGTGAATGACTTCTGGCGGATGGTGTCCAGGAGAACTCT
 CGAGTCATTGTGATGACCACAAAGGAAGTGGAGAGAGGGAAGAGCAATGTGTCAAGTACTGGCCTGATG
 AGTATGCGCTCAAAGAATACGGGGTCATGCGTGTAGGAACGTCAAAGAAAGTCCGCCCATGACTACAC
 TTTACGAGAGCTCAAACCTCTCTAAGGTCGGACAAGCTCTACTCCAGGGAACACAGAGAGAACCCTCTGG
 CAGTACCACTTTTCGGACCTGGCCAGACCATGGCGTGCCTAGTGACCTGGAGGTGTGCTGGACTTCCTGG
 AGGAGGTCCACCACAAGCAGGAGAGCATCGTGGATGCAGGCCCTGTCTGGTTCACTGCAGCGCTGGGAT
 TGGCCGGACAGGAACCTTCATTGTGATTGACATCCTTATTGACATCATTCGAGAGAAAGGTGTGGACTGT
 GACATCGACGTTCTAAAACATTGATGGTGGCGTCCAGAGGTGGGGATGGTCCAGACAGAAGCAC
 AGTACCGGTTTATCTACATGGCTGTCCAGCACTACATAGAGACGCTGCAGCGCCGGATCGAGGAGGAGCA
 GAAAAGCAAAAGAAAAGGACATGAATATACCAATATTAAGTATTCCTTGGTGGACCAGACAAGTGGTGT
 CAGAGTCCCCTGCCACCCTGCACCCCAACGCCACCCTGTGCAGAAATGAGGGAGGACAGCGCCCGAGTCT
 ATGAGAACGTGGGCCTCATGCAGCAGCAGAGGAGTTTCAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209281 protein sequence
 Red=Cloning site Green=Tags(s)

MTSRRWFHPNITGVEAENLLLTRGVDGSFLARPSKSNPGDFTLSVRRNGAVTHIKIQNTGDYYDLYGGEK
 FATLAELVQYYMEHHGQLKEKNGDVIELKYPLNCADPTSERWFHGLSGKEAEKLLTEKGKHSFLVRES
 QSHPGDFVL SVRTGDDKGESNDGKSKVTHVMIRCQELKYDVGGGERFDSLTDLVEHYKKNPMVETLGTVL
 QLKQPLNTRINAAEIESRVRELSKLAETTDKVKQGFWEFETLQQQECKLLYSRKEGQRQENKNKNRYK
 NILPFDHTRVVLHDGDPNEPVSDYINANIIMPEFETKCNNSPKKSYIATQGCLQNTVNDFWRMVFQENS
 RVIMTTKEVERGKSKCVKYPDEYALKEYGVMRVRNVKESAAHDYTLRELKLSKVGQALLQGNTERTVW
 QYHFRTPDHGVPSPGGVLDLFEVHHKQESIVDAGPVVHCSAGIGRTGTFIVIDILIDIIREKGVDC
 DIDVPKTIQMVRSGRSMVQTEAQYRFIYMAVQHYIETLQRRIEEEQSKRKGHEYTNIKYSLVDQTS
 QSPLPCTPTPPCAEMREDSARVYENVGLMQQQRFR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_011202
ORF Size:	1791 bp
Buffer:	PBS with 0.001% Pluronic F394
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_011202.2</u> , <u>NP_035332.1</u>
RefSeq Size:	5628 bp
RefSeq ORF:	1794 bp
Locus ID:	19247
UniProt ID:	<u>P35235</u>
Cytogenetics:	5 F
MW:	68.5 kDa