

Product datasheet for **RC204902A1V**

Human PTP1B (PTPN1) (NM_002827) AAV Particle

Product data:

Product Type: AAV Particles
 Product Name: Human PTP1B (PTPN1) (NM_002827) AAV Particle
 Tag: Myc-DDK
 Symbol: PTP1B
 Synonyms: PTP1B
 Mammalian Cell Selection: None
 Vector: pAAV-AC-Myc-DDK (PS100089)
 ORF Nucleotide Sequence: >RC204902 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGATGGAAAAGGAGTTCGAGCAGATCGACAAGTCCGGGAGCTGGGCGGCCATTTACCAGGATATCC
 GACATGAAGCCAGTGACTTCCCATGTAGAGTGGCCAAGCTTCTAAGAACAAAAACCGAAATAGGTACAG
 AGAGCTCAGTCCCTTTGACCATAGTCGGATTAACACTACATCAAGAAGATAATGACTATATCAACGCTAGT
 TTGATAAAAAATGGAAGAAGCCCAAAGGAGTTACATTCTTACCCAGGGCCCTTTGCCTAACACATGGCGTC
 ACTTTTGGGAGATGGTGTGGGAGCAGAAAAGCAGGGGTGTCGTCATGCTCAACAGAGTGATGGAGAAAGG
 TTCGTTAAAAATGCGCACAACTACTGGCCAAAAAAGAAGAAAAAGAGATGATCTTTGAAGACACAAATTTG
 AAATTAACATTGATCTCTGAAGATATCAAGTCATATTATACAGTGCACAGCTAGAATTGAAAAACCTTA
 CAACCCAGAAACTCGAGAGATCTTACATTTCCACTATACCACATGGCCTGACTTTGGAGTCCCTGAATC
 ACCAGCCTCATTCTTGAACCTTTCTTTCAAAGTCCGAGAGTCAGGGTCACTCAGCCCGGAGCACGGGCC
 GTTGTGGTGCAGTGCAGGCATCGGCAGGTCTGGAACCTTCTGTCTGGCTGATACCTGCCTCTTGC
 TGATGGACAAGAGGAAAGACCTTCTCCGTTGATATCAAGAAAGTGCTGTTAGAAATGAGGAAGTTTCG
 GATGGGCTGATCCAGACAGCCGACCAGCTGCGCTTCTCTACCTGGCTGTGATCGAAGGTGCCAAATTC
 ATCATGGGGACTCTTCCGTGCAGGATCAGTGAAGGAGCTTTCCACGAGGACCTGGAGCCCCACCCG
 AGCATATCCCCCACCTCCCCGGCCACCCAAACGAATCCTGGAGCCACACAATGGGAAATGCAGGGAGTT
 CTTCCCAAATCACCAGTGGGTGAAGGAAGAGACCCAGGAGGATAAAGACTGCCCATCAAGGAAGAAAA
 GGAAGCCCTTAAATGCCGACCTACGGCATCGAAAGCATGAGTCAAGACACTGAAGTTAGAAGTCGGG
 TCGTGGGGGAAGTCTTCGAGGTGCCAGGCTGCCTCCCAGCCAAAGGGGAGCCGCTCACTGCCCGAGAA
 GGACGAGGACCATGCACTGAGTTACTGGAAGCCCTTCTGGTCAACATGTGCGTGGCTACGGTCTCACG
 GCCGGCGTTACCTCTGCTACAGGTTCTGTTCACAGCAACACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA



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Protein Sequence:	>RC204902 protein sequence Red=Cloning site Green=Tags(s) MEMEKEFEQIDKSGSWAAIYQDIRHEASDFPCRVAKLPKNKNNRNYRDVSPFDHSRIKLNHEDNDYINAS LIKMEEAQRSYILTQGPLPNTCGHFWEMVWEQKSRGVVMLNRVMEKGLKCAQYWPQKEEKEMIFEDTNL KLTLLISEDIKSYTIVRQLELENLTTQETREILHFHYTTWPDFGVPEPASFLNLFKVRRESGSLSPHGP VVVHCSAGIGRSGTFCLADTCLLLMDKRKDPSSVDIKKVLLEMRKFRMGLIQTADQLRFSYLAVIEGAKF IMGDSSVQDQWKELSHEDLEPPPEHIPPVPPRPPKRILEPHNGKCREFFPNHQWVKEETQEDKDCPIKEEK GSPLNAAAPYGIEMSQDTEVRSRVVGGSLRGAQAASPAKGEPSLPEKDEDHALSYWKPFLVNMCVATVLT AGAYLCYRFLFNSNT TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002827
ORF Size:	1305 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:	NM_002827.2
RefSeq Size:	3573 bp
RefSeq ORF:	1308 bp
Locus ID:	5770
UniProt ID:	P18031
Cytogenetics:	20q13.13
MW:	50 kDa