

Product datasheet for **RC223921A1V**

Human PTPN20A (NM_001042390) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PTPN20A
Synonyms:	bA142I17.1; CT126; hPTPN20; PTPN20B
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC223921 representing NM_001042390
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGATTGTAAACGATTATGAGGGAATGACTCTGAAGCAGAAGACTTGAATTCAGGGAGACTTTGCCTT
CATCAAGTCAGGAAACACACCTAGATCAAAGGTTTTGAAAATAAAGTTAATTCAGAGAAGGTAAACT
TTCTCTTCGGAATTTCCACATAATGATTATGAGGATGTTTTGAAGAGCCTTCAGAAAGTGGCAGTGAT
CCCAGCATGTGGACAGCCAGAGGCCCTTCAGAAGAGACAGGTGGAGCAGTGAGGATGAGGAGGCTGCAG
GGCCATCACAGGCTCTCTCCCTCTACTTTCTGATACGCGCAAAATTGTTCTGAAGGAGAACTAGATCA
GTTGGCTCAGATTCGGCCATTAATATTCAATTTTCATGAGCAGACAGCCATCAAGGATTGTTGAAAATC
CTTGAGGAAAAACAGCAGCGTATGATATCATGCAGGAATTTATGGCTTTAGAACTTAAGAATCTGCCTG
GTGAGTTCAACTCTGGGAATCAACCAAGCAACAGAGAAAAACAGATACCGAGATATTCTCCATATGA
TTCAACACGCGTTCCTCTTGAAAAAGCAAGGACTACATCAATGCTAGTTATATTAGAATAGTCAATTGT
GGAGAAGAGTATTTTATCGCTACTCAAGGACCACTGCTGAGCACCATAGATGACTTTTGCAAATGG
TGTTGGAAAAATAATTCAAATGTTATTGCCATGATAACCAGAGAGATAGAAGGTGAATTATCAAATGCTA
CCATTACTGGCCCATTTCTCTGAAGAAGCCATTGGAATTGAAACACTTCCGTGTATTCTGGAGAACTAC
CAGATACTTCAATATTTTCATCATTCGAATGTTTCAAGTTGTGGAGAAGTCCACGGGAAGTACTGCTCTG
TAAACAGTTGCAGTTCACCAAGTGGCCAGACCATGGCACTCCTGCCTCAGCAGATAGCTTCATAAAATA
TATTCGTTATGCAAGGAAGAGCCACCTTACAGGACCCATGGTTGTTCACTGCAGTGCCGGCATAGGCCGG
ACAGGGGTGTTCTATGTGTGGATGTCGTGTTCTGTGCCATCGTAAAGAACTGTTCAATCAACATCATGG
ATATAGTGGCCAAATGAGAGAAACGTTCTGGCATGGTTCAAACGAAGGAGCAGTATCACTTTTGTTA
CGATATTGTGCTTGAAGTCTTCGAAACTCTGACTTTGGAT

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC223921 representing NM_001042390 Red=Cloning site Green=Tags(s) MIVNDYEGNDSEAEDLNFRETLPSSSQENTPRSKVFENKVNSEKVKLSLRNFPHNDYEDVFEEPSSESGSD PSMWTARGPFRRDRWSEDEEAAGPSQALSPLLSDTRKIVSEGELDQLAQIRPLIFNFHEQTAIKDCLKI LEEKTAAYDIMQEFMALELKNLPGEFNSGNQPSNREKNRYRDILPYDSTRVPLGKSKDYINASYIRIVNC GEEYFYIATQGPLLSTIDDFWQMVLENNNSNVIAMITREIEGGIIKCYHYWPISLKKPLELKHFRVFLNY QILQYFIIRMFQVVEKSTGTSHSVKQLQFTKWPDHGTPASADSFICYIRYARKSHLTGPMVVHCSAGIGR TGVFLCVDVVFCAIVKNCSFNIMDIVAQMREQRSGMVQTKEQYHFCYDIVLEVLRLKLLTLD SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001042390
ORF Size:	1233 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_001042390.1</u> , <u>NP_001035849.1</u>
RefSeq Size:	2870 bp
RefSeq ORF:	1235 bp
Locus ID:	653129
Cytogenetics:	10q11.22
MW:	47.2 kDa