

Product datasheet for **RC213003A1V**

Human TCPTP (PTPN2) (NM_002828) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TCPTP (PTPN2) (NM_002828) AAV Particle
Tag:	Myc-DDK
Symbol:	TCPTP
Synonyms:	PTN2; PTPT; TC-PTP; TCELLPTP; TCPTP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC213003 representing NM_002828 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCACCACCATCGAGCGGGAGTTCGAAGAGTTGGATACTCAGCGTCGCTGGCAGCCGCTGTACTTGG
AAATTCGAAATGAGTCCCATGACTATCCTCATAGAGTGGCCAAGTTTCCAGAAAACAGAAATCGAAACAG
ATACAGAGATGTAAGCCCATATGATCACAGTCGTGTTAACTGCAAAATGCTGAGAATGATTATATTAAT
GCCAGTTTGTGACATAGAAGAGGCACAAAGGAGTTACATCTAACACAGGGTCCACTTCCCTAACACAT
GCTGCCATTTCTGGCTTATGGTTTGGCAGCAGAAGACCAAGCAGTTGTCATGCTGAACCCGATTTGGGA
GAAAGAATCGGTTAAATGTGCACAGTACTGGCCAACAGATGACCAAGAGATGCTGTTTAAAGAAAACAGGA
TTCAGTGTGAAGCTCTTGTGAGAAGATGTGAAGTCGTATTATACAGTACATCTACTACAATTAGAAAATA
TCAATAGTGGTGAACCCAGAACAAATATCTCACTTTTATTATACTACCTGGCCAGATTTTGGAGTCCCTGA
ATCACCAGCTTCAATTTCTCAATTTCTTGTTTAAAGTGAGAGAATCTGGCTCCTTGAACCCCTGACCATGGG
CCTGCGGTGATCCACTGTAGTGCAGGCATTGGGCGCTCTGGCACCTTCTCTCTGGTAGACTTGTCTTG
TTTTGATGGAAAAGGAGATGATTAACATAAAACAAGTGTACTGAACATGAGAAAATACCGAATGGG
TCTTATTCAGACCCAGATCACTGAGATTCTCATACATGGCTATAATAGAAGGAGCAAAATGTATAAG
GGAGATTCTAGTATACAGAAACGATGGAAGAAGTCTTCTAAGGAAGACTTATCTCTGCCTTTGATCATT
CACCAACAAAATAATGACTGAAAAATACAATGGGAACAGAATAGGTCTAGAAGAAGAAAACACTGACAGG
TGACCGATGTACAGGACTTTCCTCTAAAATGCAAGATACAATGGAGGAGAACAGTGAGAGTGCTCTACGG
AAACGTATTCGAGAGGACAGAAAGGCCACCACAGCTCAGAAGGTGCAGCAGATGAAACAGAGGCTAAATG
AGAATGAACGAAAAAGAAAAAGGTGGTTATATTGGCAACCTATTCTCACTAAGATGGGGTTTATGTCAGT
CATTTTGGTTGGCGCTTTTGTGGCTGGACACTGTTTTTTCAGCAAAATGCCCTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC213003 representing NM_002828 Red=Cloning site Green=Tags(s)</p> <p>MPTTIEREFEELDTQRRWQPLYLEIRNESHDPHRVAKFPENRNRNRYRDVSPYDHSRVKLNQNAENDYIN ASLVDIEEAQRSYILTQGPLPNTCCHFWMVWQQKTKAVVMLNRIVEKESVKCAQYWPTDDQEMLFKETG FSVKLLSEDKSYTTHLLQLENINSGETRTISHFHYYTWPDFGVPEPASFLNLFKRVRESGSLNPDHG PAVIHCSAGIGRSGTFSLVDTCLVLMKGGDINIKQVLLNMRKYRMGLIQTPDQLRFSYMAIIEGAKCIK GDSSIQKRWKELSKEDLSPAFDHPNKIMTEKYNGNRIGLEEEKLTGDRCTGLSSKMQDTMEENSESALR KRIREDRKATTAQKVQMKQRLNENERKRKRWLYWQPIILTKMGFMSVILVGAFFVGTLLFFQQNAL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002828
ORF Size:	1245 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_002828.2
RefSeq Size:	2477 bp
RefSeq ORF:	1248 bp
Locus ID:	5771
UniProt ID:	P17706
Cytogenetics:	18p11.21
MW:	48.3 kDa