

Product datasheet for **RC226074A1V**

Human PTPN12 (NM_001131008) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PTPN12 (NM_001131008) AAV Particle
Tag:	Myc-DDK
Symbol:	PTPN12
Synonyms:	PTP-PEST; PTPG1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC226074 representing NM_001131008
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATATGGGAGTATAATGTTGTGATCATTGTAATGGCCTGCCGAGAATTTGAGATGGGAAGGAAAAAT
 GTGAGCGCTATTGGCCTTTGTATGGAGAAGACCCATAACGTTTGCACCATTTAAAAATTTCTGTGAGGA
 TGAACAAGCAAGAACAGACTACTTCATCAGGACACTCTTACTTGAATTTCAAATGAATCTCGTAGGCTG
 TATCAGTTTCATTATGTGAAGTGGCCAGACCATGATGTTCTTCATCATTTGATTCTATTCTGGACATGA
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 CTGCCACTAGTACTGAAAGCATTCTACTAGGAAAGTATTGCAATGTCCATTGCTAGACATAATATAGC
 AGGAACAACACATTTCAGGTGCTGAAAAAGATGTTGATGTTAGTGAAGATTCACCTCCTCCCTACCTGAA
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 AAAGTCAGGAACGATCTGAACAAAAAAGTCTGAAGGCTTGATAACCTCTGAAAATGAGAAATGTGATCA
 TCCAGCGGGAGGTATTCATATGAAATGTGCATAGAATGTCCACCTACTTTCAGTGACAAGAGAGAACAA
 ATATCAGAAAATCCAACAGAAGCCACAGATATTGGTTTGGTAATCGATGTGAAAACCCAAAGGACCA
 GAGATCCACCTTCAGAATGGACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC226074 representing NM_001131008 Red=Cloning site Green=Tags(s) MIWEYNVVIIVMACREFEMGRKKCERYWPLYGEDPITFAPFKISCEDEQARTDYFIRTLLEFQNESRRL YQFHYVNWPDHVPSSFDSILDMISLMRKYQEHEDVPICIHCSAGCGRTGAICAIDYTWNLLKAGKIPPE FNVFNLIQEMRTQRHSAVQTKEQYELVHRAIAQLFEKQLQLYEIHGAQKIADGVNEINTENMVSSIEPEK QDSPPPKPPRTRSCLEVGDAKEEILQPPEHPVPPILTPSPPSAFPTVTTVWQDNDRYHPKPVLMHVSSE QHSADLNRNYSKSTELPGKNESTIEQIDKKLERNLSEIKKVPLQEGPKSFDGNTLLNRGHAIKIKSASP CIADKISKPQELSSDLNVGDTSQNSCVDCSVTQSNKVSVPPEESQNSDTPPRPDRLPLDEKGHVTWSFH GPENAIPIPDLEGNSSDINYQTRKTVSLTPSPTTQVETPDLVDHNTSPLFRTPLSFTNPLHSDSDSD ERNSDGAVTQNKTNISTASATVSAATSTESISTRKVLPMISIARHNIAGTTHSGAEKDVDVSEDSPPPLPE RTPESFVLASEHNTPVRESEWSELQSQRSEQKKSEGLITSENEKCDHPAGGIHYEMCIECPPTFSKREQ ISENPTEATDIGFNGRCGKPKGPRDPPSEWT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001131008
ORF Size:	1983 bp
Buffer:	PBS with 0.001% Pluronic F9000
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_001131008.1</u>
RefSeq Size:	3122 bp
RefSeq ORF:	1986 bp
Locus ID:	5782
UniProt ID:	<u>Q05209</u>
Cytogenetics:	7q11.23
MW:	74.1 kDa