

Product datasheet for **RC207952A1V**

Human PTPN12 (NM_002835) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PTPN12 (NM_002835) 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:**

>RC207952 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGAGCAAGTGGAGATCCTGAGGAAATTCATCCAGAGGGTCCAGGCCATGAAGAGTCTTGACCACAATG
 GGGAGGACAACCTCGCCCGGACTTCATGCGGTTAAGAAGATTGTCTACCAAATATAGAACAGAAAAGAT
 ATATCCACAGCCACTGGAGAAAAAGAAGAAATGTTAAAAAGAACAGATACAAGGACATACTGCCATTT
 GATCACAGCCGAGTTAAATTGACATTAAAGACTCCTTCACAAGATTGAGACTATATCAATGCAAAATTTTA
 TAAAGGCGTCTATGGGCCAAAAGCATATGTAGCAACTCAAGGACCTTTAGCAAATACAGTAATAGATTT
 TTGGAGGATGATATGGGAGTATAATGTTGTGATCATTGTAATGGCCTGCCGAGAAATTTGAGATGGGAAGG
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 GTGAGGATGAACAAGCAAGAACAGACTACTTCATCAGGACACTCTTACTTGAATTTCAAATGAATCTCG
 TAGGCTGTATCAGTTTCATTATGTGAAGTGGCCAGACCATGATGTTCTTCATCATTTGATTCTATTCTG
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 CTCAGATGAAAGAACTCTGATGGTGCTGTGACCCAGAATAAACTAATATTTCAACAGCAAGTGCCACA
 GTTTCTGCTGCCACTAGTACTGAAAGCATTTCTACTAGGAAAGTATTGCCAATGTCCATTGCTAGACATA
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 GTGATCATCCAGCGGGAGGTATTCATATGAAATGTGCATAGAATGTCCACCTACTTTTCAGTGACAAGAG
 AGAACAAATATCAGAAAATCCAACAGAAGCCACAGATATTGGTTTTGGTAATCGATGTGAAAAACCCAAA
 GGACCAAGAGATCCACCTTCAGAAATGGACA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC207952 protein sequence Red=Cloning site Green=Tags(s) MEQVEILRKFIQRVQAMKSPDHNGEDNFARDFMRLRRLSTKYRTEKIYPTATGEKEENVKKNRYKDILPF DHSRVKLTCLKTPSQSDYINANFIKGVGPKAYVATQGPLANTVIDFWRMIWEYNVVIIVMACREFEMGR KKCERYWPLYGEDPITFAPFKISCEDEQARTDYFIRTLLEFQNESRRLYQFHVYNWPDHVPSSFDSIL DMISLMRKYQEHEDVPICIHCSAGCGRTGAICAIDYTWNLLKAGKIPPEEFNVFNLIQEMRTQRHSAVQTK EQYELVHRAIAQLFEKQLQLYEIHGAQKIADGVNEINTENMISSIEPEKQDSPPPKPPRTRSCLVEGDAK EEILQPPPEHPVPPILTPSPPSAFPTVTTVWQDNDRYHPKPVLMVSSQHSADLNRNYSKSTELPGKNE STIEQIDKKLERNLSFEIKKVPLQEGPKSFDGNTLLNRGHAIKIKSASPCIAADKISKQELSSDLNVGDT SQNSCVDSCSVTQSNKVSVPPEESQNSDTPRPDRLPLDEKGHTWSFHGPENAIPIPDLSEGNSSDINY QTRKTVSLTPSPTTQVETPDLDVHDNTSPLFRTPLSFTNPLHSDSDSDERNSDGAVTQNKTNISTASAT VSAATSTESISTRKVLPMIARHNIAGTTHSGAEKDVDVSEDSPPPLPERTPESFVLASEHNTPVREWS ELQSQRSEQKKSEGLITSENEKCDHPAGGIHYEMCIECPPTFSDKREQISENPTEATDIGFGNRCGKPK GPRDPPSEWT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002835
ORF Size:	2340 bp
Buffer:	PBS with 0.001% Pluronic F6168
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_002835.2, NP_002826.2</u>
RefSeq Size:	3240 bp
RefSeq ORF:	2343 bp
Locus ID:	5782
UniProt ID:	<u>Q05209</u>
Cytogenetics:	7q11.23
MW:	88.1 kDa