

Product datasheet for **RC207950A1V**

Human PTP epsilon (PTPRE) (NM_006504) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PTP epsilon (PTPRE) (NM_006504) AAV Particle
Tag:	Myc-DDK
Symbol:	PTPRE
Synonyms:	HPTPE; PTPE; R-PTP-EPSILON
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207950 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCCCTTGTGTCCACTCCTGCTGGTGGGTTTTAGCTTGCCGCTCGCCAGGGCTCTCAGGGGCAACG
AGACCACTGCCGACAGCAACGAGACAACCACGACCTCAGGCCCTCCGGACCCGGGCGCCTCCAGCCGCT
GCTGGCCTGGCTGCTACTGCCGCTGCTGCTCCTCCTCGTGCTCCTTCTCGCCGCTACTTCTTCAGG
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AAGAGCAGCAAAGGGTGATGCTGCTCAGCAGGTCAACCTCAGGGCCCAAGAAATTTTTCCCATCCCCGT
GGAGCACTGGAGGAGGAGATCCGTATCAGATCCGCCGACGACTGCAAGCAGTTTCGGGAGGAGTTCAAC
TCATTGCCATCTGGACACATAAAGAACTTTGAACTGGCAAATAAAGAAGAAAACAGAGAAAAAACA
GATATCCCAACATCCTTCCCAATGACCATTTAGGGTGATTCTGAGCCAACTGGATGGAATTCCTGTTC
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AAACAGGAAACGGTTAACGACTTCTGGAGAATGGTCTGGGAGCAAAAGTCTGCGACCATCGTCATGTTAA
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CGGGGACACAGAGCTGGACGTGTCTCACTGGAGAAGCACCTGCAGACCATGCACGGCACCAACAACCCAC
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TCTGGGAATGGAAATCCACACTATCGTGATGCTGACGGAGGTGCAGGAGAGAGAGCAGGATAAATGCTA
CCAGTATTGGCCAACCGAGGGCTCAGTTACTCATGGAGAAATAACGATTGAGATAAAGAATGATACCTT
TCAGAAGCCATCAGTATACGAGACTTTCTGGTCACTCTCAATCAGCCCCAGGCCCGCCAGGAGGAGCAGG
TCCGAGTAGTGCCAGTTTCACTTCCACGGCTGGCCTGAGATCGGGATTCCCGCCGAGGGCAAAGGCAT
GATTGACCTCATCGCAGCCGTGCAGAAGCAGCAGCAGCAGACAGGCAACCAACCCCATCACCGTCACTGC
AGTGCCGGAGCTGGGCGAACAGGTACATTCATAGCCCTCAGCAACATTTTGGAGCGAGTAAAGCCGAGG
GGCTTTTATAGTATTTCAAGCTGTGAAGATTTACGACTTCAGAGACCACATATGGTGCAAACCTGGA
ACAGTATGAATTCTGCTACAAAGTGGTACAAGATTTATTGATATATTTTCTGATTATGCTAATTTCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC207950 protein sequence Red=Cloning site Green=Tags(s) MEPLCPLLLVGFSPLPLARALRGNETTADSNETTTTSGPPDPGASQPLLAWLLLPLLLLLLVLLLAAYFFR FRKQRKAVVSTSDKKMPNGILEEQEQRVMLLSRSPSGPKKYFPIPVEHLEEEIRIRSADDCKQFREEFN SLPSGHIQGT FELANKEENREKNRYPNLPNDHSRVILSQLDGIPCSDYINASYIDGYKEKNKFIAAQGP KQETVND FWRMVWEQKSATIVMLTNLKERKEEKCHQYWPDQGCWYGNIRVCVEDCVVLVDYTIKRFICIQ PQLPDGCKAPRLVSQLHFTSWPDFGVPFPIGMLKFLKKVKTLNPVHAGPIVVHCSAGVGRGTGTFIVIDA MMAMMHAEQKVDVFEFVSRI RNQRPQMVTDMQYTFIYQALLEYYLYGDTELDVSSEKHLQTMHGTTTH FDKIGLEEEFRKLTNVRIMKENMRTGNLPANMKKARVIQIIPYDFNRVILSMKRGQEYTDYINASFIDGY RQKDYFIATQGPLAHTVEDFWRMIEWEWSHTIVMLTEVQEREQDKCYQYWPTGSGVTHGEITIEIKNDTL SEASIRD FLVTLNQPQARQEEQVRVVRQFHFGWPEIGIPAEGKGMIDLIAAVQKQQQQTGNHPITVHC SAGAGRTGTFIALSNILERVKAEGLLDVFQAVKSLRLQRPHMVQTLEQYEFQYKVVQDFIDIFSDYANFK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006504
ORF Size:	2100 bp
Buffer:	PBS with 0.001% Pluronic F6167
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_006504.3</u>
RefSeq Size:	5392 bp
RefSeq ORF:	2103 bp
Locus ID:	5791
UniProt ID:	<u>P23469</u>
Cytogenetics:	10q26.2
MW:	80.6 kDa