

## Product datasheet for **RC202627A1V**

### Human PTEN (NM\_000314) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human PTEN (NM_000314) AAV Particle
Tag:	Myc-DDK
Symbol:	PTEN
Synonyms:	10q23del; BZS; CWS1; DEC; GLM2; MHAM; MMAC1; PTEN1; PTENbeta; TEP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC202627 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**

ATGACAGCCATCATCAAAGAGATCGTTAGCAGAAACAAAAGGAGATATCAAGAGGATGGATTCGACTTAGACTTGACCTATATTTATCCAACATTATTGCTATGGGATTTCTGCAGAAAGACTTGAAGGCGTATACAGGAACAATATTGATGATGATAGTAAAGTTTTTGGATTCAAAGCATAAAAACCATTACAAGATATACAATCTTTGTGCTGAAAGACATTATGACACCGCCAAATTTAATTGCAGAGTTGCACAATATCCTTTTGAAGACCATAACCCACACAGCTAGAAGCTTATCAAACCTTTTGTGAAGATCTTGACCAATGGCTAAGTGAAGATGACAAATCATGTTGCAGCAATTCACGTAAAGCTGGAAAGGACGAACTGGTGTAAATGATATGTGCATATTTATTAATCATCGGGGCAAAATTTTAAAGGCACAAGAGGCCCTAGATTTCTATGGGGAAGTAAGGACCAGAGACAAAAAGGGAGTAACTATTCCCAGTCAGAGGCGCTATGTGATTATTATAGCTACCTGTTAAAGAATCATCTGGAATATAGACCAGTGGCACTGTTGTTTACAAGATGATGTTTGAAGTATTCCAATGTTCAAGTGGCGGAACTTGCAATCCTCAGTTTGTGGTCTGCCAGCTAAAGGTGAAGATATATTCCTCCAATTCAGGACCCACACGACGGGAAGACAAGTTCATGTAATTTGAGTCCCTCAGCCGTTACCTGTGTGGTGTATCAAAGTAGAGTTCTTCCACAAAACAGAACAAGATGCTAAAAAGGACAAAAATGTTTCACTTTTGGGTAATACATTCTTCATACAGGACCAGAGGAACTCAGAAAAAGTAGAAAAAGTGAAGTCTATGTGATCAAGAAATCGATAGCATTGACAGTATAGAGCGTGCAGATAATGACAAGGAATATCTAGTACTTACTTTAACAAAAAATGATCTTGACAAAGCAAATAAAGACAAAGCCAACCGATACTTTTCTCAAATTTTAAAGGTGAAGCTGTACTTCAAAAAACAGTAGAGGAGCCGTCAAATCCAGAGGCTAGCAGTTCAACTTCTGTAAACACCAGATGTTAGTGACAATGAACCTGATCATTATAGATATTCTGACACCACTGACTCTGATCCAGAGAATGAACCTTTTGTGAAGATCAGCATACAAAAATTACAAAAGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATTACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;RC202627 protein sequence  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MTAIIKEIVSRNKRRYQEDGFDDLTYIYPNIIAMGFPAERLEGVYRNNIDDVVRFLDSKHKNHYKIYNL          CAERHYDTAKFNCRVAQYPFEDHNPPQLELIKPFCELDQWLSEDDNHVAIHCAGKGRGVMICAYLL          HRGKFLKAQEALDFYGEVTRDKKGVITPSQRRYVYYSYLLKNHLDYRVPVALLFHKMMFETIPMFSGGT          CNPQFVVCQLKVKIYSSNSGPTRRREDKFMFYFEPQPLPVCQDIKVEFFHKQNKMLKKDKMFHFVNTFFI          PGPEETSEKVENGLCDQEIDSICSIERADNDKEYLVLTLTKNLDKANKDKANRYFSPNFVKVLYFTKT          VEEPSNPEASSSTSVTPDVSDNEPDHYRYSDDTSDPENEPFDEDQHTQITKV</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI</span><span style="color: green;">SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_000314
<b>ORF Size:</b>	1209 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_000314.3</a>
<b>RefSeq Size:</b>	5572 bp
<b>RefSeq ORF:</b>	1212 bp
<b>Locus ID:</b>	5728
<b>UniProt ID:</b>	<a href="#">P60484</a>
<b>Cytogenetics:</b>	10q23.31
<b>MW:</b>	47.2 kDa