

Product datasheet for **RC210416A1V**

Human PDE7B (NM_018945) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDE7B (NM_018945) AAV Particle
Tag:	Myc-DDK
Symbol:	PDE7B
Synonyms:	bA472E5.1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210416 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTTGTTTAATGGTTGAGAGGTGTGGCGAAATCTTGTGTTGAGAACCCCGATCAGAATGCCAAATGTG
 TTGTCATGCTGGGAGATATACGACTAAGGGGTGACACGGGGTTCGTGCTGAACGCCGTGGCTCCTACCC
 ATTCATTGACTTCCGCCTACTTAACAGTACAACATACTCAGGGGAGATTGGCACCAAGAAAAAGGTGAAA
 AGACTATTAAGCTTTCAAAGATACTTCCATGCATCAAGGCTGCTTCGTGGAATTATACCACAAGCCCTC
 TGCACCTGCTGGATGAAGACTACCTGGACAAGCAAGGCATATGCTCTCCAAAGTGGGAATGTGGGATTT
 TGACATTTTCTGTTGATCGTTGACAAATGGAACAGCCTGGTAACACTGTTGTGCCACCTCTTCAAT
 ACCCATGGACTCATTACCATTTCAAGTTAGATATGGTGACCTTACACCGATTTTATGTCATGGTTCAAG
 AAGATTACCACAGCCAAAACCCGTATCACAATGCTGTTACGCAGCCGACGTACCCAGGCCATGCACTG
 CTACCTGAAAGAGCCAAAGCTTGCCAGCTTCTCACGCCTCTGGACATCATGCTTGGACTGCTGGCTGCA
 GCAGCACAGATGTGGACCACCCAGGGGTGAACCAGCCATTTTGTATAAACTAACCACCATCTTGCAA
 ACCTATATCAGAATATGTCTGTGCTGGAGAATCATCACTGGCGATCTACAATTGGCATGCTTCGAGAATC
 AAGGCTTCTTGCTCATTTGCCAAAGGAAATGACACAGGATATTGAACAGCAGCTGGGCTCCTTGATCTTG
 GCAACAGACATCAACAGGCAGAATGAATTTTGACCAGATTGAAAGCTCACCTCCACAATAAAGACTTAA
 GACTGGAGGATGCACAGGACAGGCATTTATGCTTCAGATCGCCTTGAAGTGTGCTGACATTTGCAATCC
 TTGTAGAATCTGGGAGATGAGCAAGCAGTGGAGTGAAGGGTCTGTGAAGAATTCTACAGGCAAGGTGAA
 CTTGAACAGAAATTTGAAGTGGAAATCAGTCTCTTTGTAATCAACAGAAAGATTCCATCCCTAGTATAC
 AAATTGGTTTCATGAGCTACATCGTGGAGCCGCTCTTCCGGGAATGGGCCATTTACGGGTAACAGCAC
 CCTGTCGGAGAACATGCTGGGCCACCTCGCACACAACAAGGCCAGTGAAGAGCCTGTTGCCAGGCAG
 CACAGAAGCAGGGGAGCAGTGGCAGCGGCCTGACCAGACCACGCAGGCCAAGGGACTGAGAGCGAGG
 AGCAGGAAGGCGACAGCCCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210416 protein sequence
 Red=Cloning site Green=Tags(s)

MSCLMVERCGEILFENPDQNAKVCMLGDIRLRGQTGVRAERRGSYPFIDFRLLNSTTYSGEIGTKKKVK
 RLLSFQRYFHASRLRLGIIPQAPLHLLDEDYLGQARHMLSKVGMWDFDIFLFDRLTNGNSLVTLCHLFN
 THGLIHFFKLDMLVTLHRFLVMVQEDYHSQNPYHNAVHAADVTQAMHCYLKEPKLASFLTPLDIMLGLLAA
 AAHDVDHPGVNQPFILKTNHHLANLYQNMSVLENHHWRSTIGMLRESRLLAHLPKEMTQDIEQQLGSLIL
 ATDINRQNEFLTRLKAHLHNKDLRLDAQDRHFMLQIALKCADICNPCRIMWEMSKQWSEVCEEFYRQGE
 LEQKFELEISPLCNQQKDSIPSIQIGFMSYIVEPLFREWAHFTGNSTLSENMLGHLAHNKAQWKSLLPRQ
 HRSRGSSSGPDHHDHAGQGTESEEQEGDSP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_018945

ORF Size:

1350 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:	<u>NM_018945.3</u>
RefSeq Size:	5385 bp
RefSeq ORF:	1353 bp
Locus ID:	27115
UniProt ID:	<u>Q9NP56</u>
Cytogenetics:	6q23.3
MW:	51.8 kDa