

Product datasheet for **RC211181A1V**

Human PDE10A (NM_006661) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDE10A (NM_006661) AAV Particle
Tag:	Myc-DDK
Symbol:	PDE10A
Synonyms:	ADSD2; HSPDE10A; IOLOD; LINC00473; PDE10A19
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC211181 representing NM_006661
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGATAGAAGAGAGGAAATCCCAACATTTAACAGGTTTGACAGATGAAAAAGTGAAGGCATATCTTT
 CTCTTCACCCCCAGGTATTAGATGAATTTGTATCTGAAAGTGTTAGTGCAGAGACAGTAGAGAAATGGCT
 GAAGAGGAAGAACAACAATCAGAAGATGAATCAGCTCCTAAGGAAGTCAGCAGGTACCAAGATACGAAT
 ATGCAGGGAGTTGTATATGAACTAAACAGCTATATAGAACAACGGTTGGACACAGGAGGAGACAACCAGC
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 TGGAGAGTGCAATAATAGCCTGTGTATTTACGCCACCTGGGATAAAGGAAGGAAAACCCGCCTCATC
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 TGAATATGAGCAGGTGCTTGAGATCATCCGCAAGCCATCATTGCCACAGACCTTGCTTTATACTTTGGA
 AACAGGAAGCAGTTGGAAGAGATGTACCAGACCGGATCACTAAACCTTAATAATCAATCATAGAGACC
 GTGTAATTGGTTTGATGATGACTGCCTGTGACCTTTGTTCTGTGACAAAACCTGTGGCCCGTTACAAAAT
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 CCATTCCTGCTATACAACCTTACCCAGATCCTCCCTCCACGGAGCCTCTTCTGAAAGCATGCAGGGA
 TAATCTCAGTCAGTGGGAGAAGGTGATTCGAGGGGAGGAGACTGCAACCTGGATTTCATCCCATCCGTG
 GCTCAGAAGGCAGCTGCATCTGAAGAT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC211181 representing NM_006661 Red=Cloning site Green=Tags(s) MRIEERKSQHLTGLTDEKVKAYLSLHPQVLDEFVSESVSAETVEKWLKRKNKSEDESAPKEVSRYQDTN MQGVVYELNSYIEQRLDTGGDNQLLLYELSSIIKIATKADGFALYFLGECNNSLCIFTPPGIKEGKPRLI PAGPITQGTTSAYVAKSRKTLLEDILGDERFPRGTGLESQTRIQSVLCLPIVTAIGDLIGILELYRHW GKEAFCLSHQEVATANLAWASVAIHQVQVCRGLAKQTELNDFLLDVSKTYFDNIVAIDSLEHIMIYAKN LVNADRCALFQVDHKNKELYSDLFDIGEEKEGKPVFKKTKEIFRSIEKGIAGQVARTGEVLNIPDAYADP RFNREVDLYTGYYTRNILCMPIVSRGSVIGVVQMVNKGSGSAFSKTDENNFKMFAVFCALALHCANMYHR IRHSECIYRVTEKLSYHSICTSEEWQGLMQFTLPVRLCKEIELFHFDIGPFENMWPGIFVYVMVHRSGT SCFELEKLCRFIMSVKKNYRRVPYHNWKHAVTVAHCMYAILQNNHTLFTDLERKGLLIACLCHDLDRHGF SNSYLQKFDHPLAALYSTSTMEQHHSQTVSILQLEGHNIFSTLSSEYEQVLEIRKAIATDLALYFG NRKQLEEMYQTGSLNLNQSHRDRVIGLMMTACDLCVTKLWPVTKLTANDIYAEFWAEGDEMKKLGIQP IPMMDRDKKDEVPOGQLGFYNAVAIPCYTTLTQILPPTPELLKACRDNLSQWEKVIRGEETATWISSPSV AQKAAASED TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006661
ORF Size:	2337 bp
Buffer:	PBS with 0.001% Pluronic F6679
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:	NM_006661.1
RefSeq Size:	4576 bp
RefSeq ORF:	2340 bp
Locus ID:	10846
UniProt ID:	Q9Y233
Cytogenetics:	6q27
MW:	88.2 kDa