

Product datasheet for **RC209169A1V**

Human PDE8A (NM_002605) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDE8A (NM_002605) AAV Particle
Tag:	Myc-DDK
Symbol:	PDE8A
Synonyms:	HsT19550
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209169 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGGGCTGTGCCCGAGCATCCACATTTCCGAGCGCCTGGTGGCCGAGGACGCGCCTAGCCCCGCGGCAC
CGCCGCTGTCTGTCGGCGGGCCGCGCCTCCCGCAGGGCCAGAAGACGGCCGCTTGGCCCCGACCCGCGG
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CAACAAATTTGTCAACAGCATCAACAAACCCTTGGCAACACTAGAAGAAAATGGGAAACTGATAAAAC
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CGAAATGAAGCTGCGAACCTCCGACCCTCCTGAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209169 protein sequence Red=Cloning site Green=Tags(s) MGCAPSIHISERLVAEDAPSPAAPPLSSGGPRLPQGQKTAALPRTRGAGLLESELRDGSGKKVAVADVQF GPMRFHQDQLQVLLVFTKEDNQNGFCRACEKAGFKCTVTKGAQAVLACFLDKHHDIIIDHRNPRQLDA EALCRSIRSSKLSSENTVIVGVRRVDREELSVMPFISAGFTRRYVENPNIMACYNELLQLEFGEVRSQK LRACNSVFTALENSEDAIEITSEDRFIQYANPAFETTMGYQSGELIGKELGEVPINEKKADLLDTINSCI RIGKEWQGIYYAKKNGDNIQQNVKIIIPVIGQGKIRHYVSIIRVCNGNNKAEKISECVQSDTHDNQTG KHKDRRKGSGLDVKAVASRATEVSSQRRHSSMARIHSMITIEAPITKVINIINAAQESSMPVTEALDRVLE ILRTTELYSPQFGAKDDDPHANDLVGGLMSDGLRRLSGNEYVLSTKNTQMVSNNIITPISLDDVPPRIAR AMENEEYWDFDIFELEAATHNRPLIYLGLKMFARFGICEFLHCSESTLRSLQIEANYHSSNPYHNSTH SADVLHATAYFLSKERIKETLDPIDEVAALIAATIHVDHPGRTNSFLCNAGSELAILYNDTAVLESHHA ALAFQLTTGDDKCNIFKNMERNDYRTLQGIIDMVLATEMTKHFEHVNFVNSINKPLATLEENGETDKN QEVINTMLRTPENRTLKRMLIKCADVSNPCRPLQYCIWAARISEEYFSQTDEEKQQGLPVVMPVFDNRN TCSIPKQISFIDYFITDMFADWDAFVDLPDLMQHLDNNFKYWKGLDEMMLRNLRPPPE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002605
ORF Size:	2487 bp
Buffer:	PBS with 0.001% Pluronic F6380
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_002605.2
RefSeq Size:	3931 bp
RefSeq ORF:	2490 bp
Locus ID:	5151
UniProt ID:	O60658
Cytogenetics:	15q25.3
MW:	93.2 kDa