

Product datasheet for **RC212803A1V**

Human DEGS1 (NM_003676) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DEGS1 (NM_003676) AAV Particle
Tag:	Myc-DDK
Symbol:	DEGS1
Synonyms:	DEGS; DEGS-1; Des-1; DES1; FADS7; HLD18; MIG15; MLD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC212803 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGGAGCCGCGTCTCGCGGAAGACTTCGAGTGGGTCTACACCGACCAGCCGACGCCGACCGCGCC
GGGAGATCCTGGCAAAGTATCCAGAGATAAAGTCCTTGATGAAACCTGATCCCAATTTGATATGGATTAT
AATTATGATGGTTCTCAGCCAGTTGGGTGCATTTACATAGTAAAAGACTTGGACTGGAAATGGGTCATA
TTTGGGGCCTATGCGTTTGGCAGTTGCATTAACCACTCAATGACTCTGGCTATTCATGAGATTGCCACA
ATGCTGCCTTTGGCAACTGCAAAGCAATGTGGAATCGCTGGTTTGAATGTTTGCTAATCTTCTATTGG
GATTCATATTCAATTTCTTTAAGAGGTATCACATGGATCATCATCGGTACCTTGGAGCTGATGGCGTC
GATGTAGATATTCCTACCGATTTTGAAGGCTGGTTCTTCTGTACCGCTTTCAGAAAGTTTATATGGGTTA
TTCTTCAGCCTCTCTTTTATGCCTTTGACCTCTGTTTCATCAACCCCAAACCAATTACGTATCTGGAAGT
TATCAATACCGTGGCAGGTCACCTTTGACATTTTAATTTATTACTTTTGGGAATTAATCCTTAGTC
TACATGTTGGCAGCATCTTACTTGGCCTGGGTTGCACCAATTTCTGGACATTTTATAGCTGAGCATT
ACATGTTCTTAAAGGTCATGAACTTACTCATATTATGGGCCTCTGAATTTACTTACCTCAATGTGGG
TTATCATAATGAACATCATGATTTCCCAACATTCCTGGAAAAAGTCTTCCACTGGTGAGGAAAAAGCA
GCTGAATACTATGACAACTCCCTCACTACAATTCCTGGATAAAAGTACTGTATGATTTTGTGATGGATG
ATACAATAAGTCCCTACTCAAGAATGAAGAGGCACCAAAAAGGAGAGATGGTGTGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC212803 protein sequence Red=Cloning site Green=Tags(s) MGSRVSREDFEWVYTDQPHADRRREILAKYPEIKSLMKPDPNLIWIIIMMVLTLGAFYIVKDLWKWVI FGAYAFGSCINHSMTLAIHEIAHNAAFGNCKAMWNRWFGMFANLPIGIPYSISFKRYHMDHHRYLADGV DVDIPTDFEGWFFCTAFRKFIWVILQPLFYAFRPLFINPKPITYLEVINTVAQVTFDILIIYYFLGIKSLV YMLAASLLGLGLHPISGHFIAEHYMLKGHETYSYYGPLNLLTFNVGYHNEHDFPNIPGKSLPLVRKIA AEYYDNLPHYNSWIKVLYDFVMDDTISPYSRMKRHQKQKEMVLE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003676
ORF Size:	969 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_003676.2</u>
RefSeq Size:	2101 bp
RefSeq ORF:	972 bp
Locus ID:	8560
UniProt ID:	<u>O15121</u>
Cytogenetics:	1q42.11
MW:	37.9 kDa