

Product datasheet for **RC217308A1V**

Human DEGS2 (NM_206918) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DEGS2 (NM_206918) AAV Particle
Tag:	Myc-DDK
Symbol:	DEGS2
Synonyms:	C14orf66; DES2; FADS8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC217308 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCAACAGCGCGAGCCGACGCGACTTCGAGTGGGTCTACACCGACCAGCCGCACACGCAGCGGCGCA
AGGAGATACTGGCCAAGTACCCGGCCATCAAGGCCCTGATGCGGCCAGACCCGCGCCTCAAGTGGGCGGT
GCTGGTGCTGGTGCTGGTGACAGTGTGACCTGCTGGCTGGTGCGCGGGCTGGCCTGGCGCTGGCTGCTG
TTCTGGGCCTACGCCTTTGGTGGCTGCGTGAACCACTCGCTGACGCTGGCCATCCACGACATCTCGCACA
ACGCGGCCTTCGGCAGCGGCGCTGCGGCACGCAACCGCTGGCTGGCCGTGTTGCGCAACCTGCCCGTGGG
TGTGCCCTACGCGCCTCCTTCAAGAAGTACCACGTGGACCAACACCGCTACCTGGGCGGCGACGGGCTG
GACGTGGACGTGCCCACGCGTCTGGAGGGCTGGTCTTCTGCACGCCCGCCGCAAGCTGCTCTGGCTGG
TGCTGCAGCCCTTCTTCTACTCACTACGGCCGCTCTGCGTCCACCCCAAGGCCGTGACCCGCATGGAGGT
GCTCAACACGCTGGTGACGTGGCGGCCGACCTGGCCATCTTTGCCCTTTGGGGGCTCAAGCCCGTGGTC
TACCTGCTGGCCAGCTCCTTCTGGGCCTGGGCCTGCACCCCATCTCGGGCCACTTCGTGGCCGAGCACT
ACATGTTCTCAAGGGCCACGAGACCTACTCTACTATGGGCCTCTCACTGGATCACCTTCAATGTGGG
CTACCACGTGGAGCACCAGACTTCCCCAGCATCCCGGGCTACAACCTGCCGCTGGTGCGGAAGATCGCG
CCCGAGTACTACGACCACCTGCCGACGACCACTCCTGGGTGAAGGTGCTCTGGGATTTGTGTTTGAGG
ACTCCCTGGGGCCCTATGCCAGGGTGAAGCGGGGTACAGGCTGGCAAAAGATGGTCTG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC217308 protein sequence Red=Cloning site Green=Tags(s) MGNSASRSDFEWVYTDQPHTRRKEILAKYPAIKALMRDPRLKWAVLVVLVQMLTCWLVRGLAWRWLL FWAYAFGGCVNHSLLTAIHDIHNAAFGTGRAARNRWLAVFANLPVGVPIAASFKKYHVDHHRYLGGDGL DVDVPTRELGWFFCTPARKLLWLVLQPFYSLRPLCVHPKAVTRMEVLNTLVQLAADLAIFALWGLKPVV YLLASSFLGLGLHPISGHFVAEHYMLKGHETYSYGGPLNWITFNVGYHVEHDFPSIPGYNLPLVRKIA PEYYDHLPQHHSWVKVLWDFVFEDSLGPYARVKRYRLAKDGL SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_206918
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:	NM_206918.1 , NP_996801.1
RefSeq Size:	1411 bp
RefSeq ORF:	972 bp
Locus ID:	123099
UniProt ID:	Q6QHC5
Cytogenetics:	14q32.2
MW:	37.2 kDa