

Product datasheet for **RC219451A1V**

Human **DGCR8 (NM_022720)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DGCR8 (NM_022720) AAV Particle
Tag:	Myc-DDK
Symbol:	DGCR8
Synonyms:	C22orf12; DGCRK6; Gy1; pasha
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC219451 representing NM_022720
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGAGACAGATGAGAGCCCCTCTCCGCTCCCGTGTGGGCCCGCAGGAGAAGCGGTGATGGAGAGCCGAG
 CTCGCCCCCTTCCAAGCGCTGCCCGTGAGCAGTCTCCACCACCTCCCCTGCAAACGTCCAGTGGTGCAGA
 GGTAATGGACGTTGGCTCTGGTGGTGTGGACAGTCCGAACCTCCTGCTGAGGACCCCTTCAACTTCTAC
 GGAGCTTCTCTTCTCTCCAAGGATCCTTCTCTAAGGGCCGCTCCTCATAGACCCGAAGTGTAGTGGCC
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 GAGCGCAGCTGCGGGCGGAGTGCAGTCTGCTCCTTAGCCCTGTAGTGGGACGTGCATGCTTGTCCCT
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 CAATCGGGAATGAAGCGGAAGCAGGCGGAGTCCGAGAGGCCCATCTTGCCAGCCAATCAGAAGCTCATT
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 AACCATGGGATGGGTGACACGTCTATCAAGTTTGAAGTGGTTCCTGGGAAAAACCAGAAGAGTGAATACG
 TCATGGCGTGTGGCAAGCACACAGTGCAGCGGTGGTGAAGAACAAGAGAGTTGGAAAGCAGTTAGCCTC
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 GAGAGCAGCAAGATGGTCAAGCAGGAGACATCGGACAAGAGTGTGATTGAGCTGCAGCAGTATGCCAAGA
 AGAACAAGCCCAACCTGCACATCCTCAGCAAGCTCCAAGAGGAGATGAAGAGGCTAGCTGAGGAAAGGGA
 GGAGACTCGAAAGAAGCCCAAGATGTCCATTGTGGCGTCCGCCAGCCTGGCGGTGAGCCCTGTGCACC
 GTGGACGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC219451 representing NM_022720 Red=Cloning site Green=Tags(s) METDESPSPLPCGPAGEAVMESRARPFQALPREQSPPPPLQTSSGAEVMDVGSGGDGQSELPAEDPFNFY GASLLSKGSFSKGRLLIDPNCSGHSPRTARHAPAVRKFSDDLKLLKDVKISVSFTESCRSKDRKVLTYGA ERDVRAECGLLLSPVSGDVHACPFGGSVGDVGIGGESADKKDEENELDQEKRYEYAVLDELEDFDNLE LDEEGAGGFTAKAIVQRDRVDEEALNFPYEDDFDNDVDALLEGLCAPKKRRTEEKYGGSDHPSDGETS VQPMMTKIKTVLKSRRPPTPLPDGWIMTFHNSGVPVYLHRESRVVTWSRPYFLGTGSIRKHDPLSSI PCLHYKKMKDNEEREQSSDLTPSGDVSPVKPLSRSALEFPLDEPDSMGADPGPPDEKDP LGAEAAPGAL GQVKAKVEVCKDESVDLEEFRSYLEKRFDFEQVTVKKFRTWAERRQFNREMKRQAESERPILPANQKLI TL SVQDAPTKKEFVINPNGKSEVCILHEYMQRVLKVRPVYNFFECENPSEPFASVTIDGVTYSGGTASS KKLAKNKAARATLEILIPDFVKQTSEEKPKDSELEYFNHISIEDSRVYELTSKAGLLSPYQILHECLKR NHGMGDTSIKFEVVPGNQKSEYVMACGKHTVRGWCKNKRVGKQLASQKILQLLHPHVKNWGSLLRMYGR ESSKMVKQETSDKSVIELQQYAKKNKPNLHILSKLQEEMKRLAEEREETRKKPKMSIVASAQPGGEPLCT VDV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022720
ORF Size:	2319 bp
Buffer:	PBS with 0.001% Pluronic F7995
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_022720.5
RefSeq Size:	4461 bp
RefSeq ORF:	2322 bp
Locus ID:	54487
UniProt ID:	Q8WYQ5
Cytogenetics:	22q11.21
MW:	85.9 kDa