

Product datasheet for **RC204405A1V**

Human GJB3 (NM_001005752) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GJB3 (NM_001005752) AAV Particle
Tag:	Myc-DDK
Symbol:	GJB3
Synonyms:	CX31; DFNA2; DFNA2B; EKV; EKV1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204405 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGACTGGAAGACACTCCAGGCCCTACTGAGCGGTGTGAACAAGTACTCCACAGCGTTCGGGCGCATCT
GGCTGTCCGTGGTGTTTCGTCTTCCGGGTGCTGGTATACGTGGTGGCTGCAGAGCGCGTGTGGGGGATGA
GCAGAAGGACTTTGACTGCAACACCAAGCAGCCCGGCTGCACCAACGTCTGCTACGACAACTACTTCCCC
ATCTCCAACATCCGCCTCTGGGCCCTGCAGCTCATCTTCGTACATGCCCTCGCTGCTGGTCATCCTGC
ACGTGGCCTACCGTGAGGAGCGGGAGCGCCGGCACCCAGAAACACGGGGACCAAGTGCGCCAAGCTGTA
CGACAACGCAGGCAAGAAGCACGGAGGCTGTGGTGGACCTACCTGTTACGCTCATCTTCAAGCTCATC
ATTGAGTTCCTCTTCTCTACCTGCTGCACACTCTCTGGCATGGCTTCAATATGCCGCGCCTGGTGCAGT
GTGCCAACGTGGCCCCCTGCCCCAACATCGTGGACTGCTACATTGCCCGACCTACCGAGAAGAAATCTT
CACCTACTTCATGGTGGGCGCCTCCGCCGTCTGCATCGTACTCACCATCTGTGAGCTCTGCTACCTCATC
TGCCACAGGGTCTGCGAGGCCCTGCACAAGACAAGCCTCGAGGGGGTTGCAGCCCTCGTCTCCGCCA
GCCGAGCTTCACCTGCCGTGCCACCACAAGCTGGTGGAGGCTGGGAGGTGGATCCAGACCCAGGCAA
TAACAAGCTGCAGGCTTCAGACCCAACCTGACCCCATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC204405 protein sequence Red=Cloning site Green=Tags(s) MDWKTLLQALLSGVNYSTAFGRILSVVFVFRVLVYVVAERVWGDEQKDFDCNTKQPGCTNVCYDNYFP ISNIRLWALQLIFVTCPSLLVILHVAYREERERRRQKHGDQCAKLYDNAGKKHGLWWTYLFSLIFKLI IEFLFLYLLHTLWHGFNMPRLVQCANVAPCPNIVDCYIARPTEKKIFTYFMVGASAVCIVLTICELCYLI CHRVLRGLHKDKPRGGCSPSSASRASTCRCHHKLVEAGEVDPDPGNNKLQASAPNLTP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001005752
ORF Size:	810 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_001005752.1</u>
RefSeq Size:	1777 bp
RefSeq ORF:	813 bp
Locus ID:	2707
UniProt ID:	<u>O75712</u>
Cytogenetics:	1p34.3
MW:	30.8 kDa