

Product datasheet for **RC205109A1V**

Human **GJB1 (NM_000166) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Human GJB1 (NM_000166) AAV Particle
Tag:	Myc-DDK
Symbol:	GJB1
Synonyms:	CMTX; CMTX1; CX32
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC205109 representing NM_000166 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAACTGGACAGGTTTGTACACCTTGCTCAGTGGCGTGAACCGGCATTCTACTGCCATTGGCCGAGTAT
GGCTCTCGGTCATCTTCATCTTCAGAATCATGGTGTGGTGGTGGCTGCAGAGAGTGTGTGGGTGATGA
GAAATCTTCCTTCATCTGCAACACACTCCAGCCTGGCTGCAACAGCGTTTGTATGACCAATTCTCCCC
ATCTCCCATGTGCGGCTGTGGTCCCTGCAGCTCATCTAGTTTCCACCCAGCTCTCCTCGTGGCCATGC
ACGTGGCTCACAGCAACACATAGAGAAGAAAATGCTACGGCTTGAGGGCCATGGGGACCCCTACACCT
GGAGGAGTGAAGAGGCACAAGGTCCACATCTCAGGGACACTGTGGTGGACCTATGTCATCAGCGTGGTG
TTCCGGCTGTTGTTGAGGCCGTCTTCATGTATGTCTTTTATCTGCTCTACCCTGGCTATGCCATGGTGC
GGCTGGTCAAGTGCGACGTCTACCCCTGCCCAACACAGTGGACTGCTTCGTGTCCCGCCACCGAGAA
AACCGTCTCACCGTCTTCATGCTAGCTGCCTCTGGCATCTGCATCATCTCAATGTGGCCGAGGTGGT
TACCTCATCATCCGGCCTGTGCCCGCCGAGCCAGCGCCGCTCAATCCACCTTCCCGCAAGGGCTCGG
GCTTCGGCCACCGCTCTCACCTGAATAACAAGCAGAATGAGATCAACAAGCTGCTGAGTGAGCAGGATGG
CTCCCTGAAAGACATACTGCGCCGACGCCCTGGCACCGGGCTGGCTGAAAGAGCGACCGCTGC
TCGGCCTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC205109 representing NM_000166 Red=Cloning site Green=Tags(s) MNWTGLYTLISGVNRHSTAIGRVWLSVIFIFRIMVLVAAESVWGDEKSSFICNTLQPGCNSVCYDQFFP ISHVRLWSLQLILVSTPALLVAMHVAHQHIEKKMLRLEGHGDPLHLEEVKRHKVHISGLWWTYVISV FRLLFEAVFMYVFYLLYPGYAMVRLVKCDVYPCPNTVDCFVSRPTEKT VFTVFM LAASGIC IILNVAEV YLIIIRACARRAQRRSNPPSRKGSFGHRLSPEYKQNEINKLLEQDGLKDILRRSPGTGAGLAEKSDRC SAC TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000166
ORF Size:	849 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_000166.2
RefSeq Size:	1638 bp
RefSeq ORF:	852 bp
Locus ID:	2705
UniProt ID:	P08034
Cytogenetics:	Xq13.1
MW:	31.8 kDa