

Product datasheet for RC202092A1V

Human GJB2 (NM_004004) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human GJB2 (NM_004004) AAV Particle
Tag: Myc-DDK
Symbol: GJB2
Synonyms: BAPS; CX26; DFNA3; DFNA3A; DFNB1; DFNB1A; HID; KID; NSRD1; PPK
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC202092 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATTGGGGCAGCTGCAGACGATCCTGGGGGTGTGAACAAACTCCACCAGCATTGGAAAGATCT
 GGCTCACCGTCTCTTCATTTTTTCGCATTATGATCCTCGTTGTGGCTGCAAGGAGGTGTGGGGAGATGA
 GCAGGCCGACTTTGTCTGCAACACCCTGCAGCCAGGCTGCAAGAACGTGTGCTACGATCACTACTCCCC
 ATCTCCACATCCGGCTATGGGCCCTGCAGTGATCTTCGTGTCCACGCCAGCGCTCCTAGTGGCCATGC
 ACGTGGCTACCGGAGACATGAGAAGAAGAGGAAGTTTCATCAAGGGGGAGATAAAGAGTGAATTTAAGGA
 CATCGAGGAGATCAAAAACCCAGAAGGTCGCATCGAAGGCTCCCTGTGGTGGACCTACACAAGCAGCATC
 TTCTTCCGGGTCACTTCGAAGCCGCTTCATGTACGTCTTCTATGTCATGTACGACGGCTTCTCCATGC
 AGCGGCTGGTGAAGTGAACGCCTGGCCTTGTCCCAACTGTGGACTGCTTTGTGCCGGCCACGGA
 GAAGACTGTCTTACAGTGTTTCATGATTGCAGTGTCTGGAATTTGCATCCTGCTGAATGCTACTGAATTG
 TGTTATTTGCTAATTAGATATTGTTCTGGGAAGTCAAAAAGCCAGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC202092 protein sequence
 Red=Cloning site Green=Tags(s)

MDWGLTQILGGVNHSTSIGKIWLVLFIFRIMILVVAKEVWGDEQADFVNTLQPGCKNVCYDHYFP
 ISHIRLWALQLIFVSTPALLVAMHVAYRRHEKRRKFIKGEIKSEFKDIEEIKTKQKVRIEGLWWTYSSII
 FFRVIFEAAFMYVFYVYMDGFSMQRLVKCNAWPCPNTVDCFVSRPTEKTVFTVFMIAVSGICILLNVTTEL
 CYLLIRYCSGKSKPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Species:	Human
Serotype:	AAV-2
ACCN:	NM_004004
ORF Size:	678 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_004004.3
RefSeq Size:	2347 bp
RefSeq ORF:	681 bp
Locus ID:	2706
UniProt ID:	P29033
Cytogenetics:	13q12.11
MW:	26.2 kDa