

Product datasheet for **RC209103A1V**

Human Kir6.2 (KCNJ11) (NM_000525) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Kir6.2 (KCNJ11) (NM_000525) AAV Particle
Tag:	Myc-DDK
Symbol:	Kir6.2
Synonyms:	BIR; HHF2; IKATP; KIR6.2; MODY13; PHHI; PNDM2; TNDM3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209103 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTGTCCCGCAAGGGCATCATCCCCGAGGAATACGTGCTGACACGCCTGGCAGAGGACCCTGCCGAGC
CCAGGTACCGTGCCCGCCAGCGGAGGGCCCGCTTTGTGTCCAAGAAAGGCAACTGCAACGTGGCCCAAA
GAACATCCGGGAGCAGGGCCGCTTCCTGCAGGACGTGTTACCCACGCTGGTGGACCTCAAGTGGCCACAC
ACATTGCTCATCTTACCATGTCCTTCTGTGCAGCTGGCTGCTCTTCGCCATGGCCTGGTGGCTCATCG
CCTTCGCCCACGGTGACCTGGCCCCAGCGAGGGCACTGCTGAGCCCTGTGTCACCAGCATCCACTCCTT
CTCGTCTGCCTTCCTTTTCTCCATTGAGGTCCAAGTGACTATTGGCTTTGGGGGGCGCATGGTGACTGAG
GAGTGCCCACTGGCCATCCTGATCCTCATCGTGCAAGACATCGTGGGGCTCATGATCAACGCCATCATGC
TTGGCTGCATCTTCATGAAGACTGCCAAGCCACCGCAGGGCTGAGACCCTCATCTTCAGCAAGCATGC
GGTGATCGCCCTGCGCCACGGCCGCTCTGCTTCATGCTACGTGTGGGTGACCTCCGCAAGAGCATGATC
ATCAGCGCCACCATCCACATGCAGGTGGTACGCAAGACCACCGCCCGAGGGCGAGGTGGTGGCCCTCC
ACCAGGTGGACATCCCATGGAGAACGGCGTGGTGGCAACAGCATCTTCCTGGTGGCCCGCTGATCAT
CTACCATGTATTGATGCCAACAGCCCACTCTACGACCTGGCACCCAGCGACCTGCACCACCACAGGAC
CTCGAGATCATCGTCATCCTGGAAGCGTGGTGGAAACACGGGCATCACCACCAGGCCCGCACCTCCT
ACCTGGCCGATGAGATCCTGTGGGGCCAGCGCTTTGTGCCATTGTAGCTGAGGAGGACGGACGTTACTC
TGTGGACTACTCCAAGTTTGGCAACACCATCAAAGTGCCACACCACTCTGCACGGCCCGCCAGCTTGAT
GAGGACCACAGCCTACTGGAAGCTCTGACCCTCGCCTCAGCCCGCGGGCCCTGCGCAAGCGCAGCGTGC
CCATGGCCAAGGCCAAGCCCAAGTTCAGCATCTCTCCAGATTCCCTGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC209103 protein sequence Red=Cloning site Green=Tags(s) MLSRKGIPEEYVLTRLAEDPAEPRYRARQRRARFVSKKGNCNVAHKNIREQGRFLQDVFTTLVDLKWPH TLLIFTMSFLCSWLLFAMAWWLI AFAHGDLAPSEGTAEPVTSIHSFSSAFLFSIEVQVTIGFGGRMVTE ECPLAILILIVQNIVGLMINAIMLGCIFMKTAQAHRAETLIFSKHAVIALRHGRLCFMLRVGDLRKSMI ISATIHMQVVRKTTSPGEVVP LHQVDIPMENG VGGNSIFLVAPLIIYHVIDANSPLYDLAPSDLHHHQD LEIIVILEGVVETTGITTQARTSYLADEILWGQRFVPIVAEEDGRYSVDYSKFGNTIKVPTPLCTARQLD EDHSLLEALTLASARGPLRKRSVPMAKPKFSISPDLS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000525
ORF Size:	1170 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_000525.3
RefSeq Size:	3418 bp
RefSeq ORF:	1173 bp
Locus ID:	3767
Cytogenetics:	11p15.1
MW:	43.5 kDa