

Product datasheet for **RC204474A1V**

Human Pannexin 1 (PANX1) (NM_015368) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Pannexin 1 (PANX1) (NM_015368) AAV Particle
Tag:	Myc-DDK
Symbol:	Pannexin 1
Synonyms:	MRS1; OOMD7; PX1; UNQ2529
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204474 representing NM_015368 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCATCGCTCACCTGGCCACGGAGTACGTGTTCTCGGATTTCTTGCTGAAGGAGCCACGGAGCCCA
AGTTCAAGGGGCTGCGACTGGAGCTGGCTGTGGACAAGATGGTCACGTGCATTGCGGTGGGGCTGCCCT
GCTGCTCATCTCGCTGGCCTTCGCGCAGGAGATCTCGATTGGTACACAGATAAGCTGTTTCTCTCCAAGT
TCTTTCTCCTGGCGTCAGGCTGCCTTTGTGGATTCATATTGCTGGCGGCTGTTACGAGAAGAAGTAC
TGCAGAGCGAGTCTGGAACCTCCCACTGTGGCTGCATAAGTTTTCCCTACATCTGCTGCTCTTTGC
GATCCTCTGTACCTGCCCGCTGTTCTGGCGTTTCGAGCTGCTCCTCATATTTGCTCAGACTTGAAG
TTTATCATGGAAGAAGTTGACAAAGTTTACAACCGTGAATTAAGGCTGCAAAGAGTGCGCGTGACCTTG
ACATGAGAGATGGAGCCTGCTCAGTTCCAGGTGTTACCGAGAAGTTAGGGCAAAGTTTGTGGAGGTATC
TGAAAGCCACTTCAAGTACCAATTGTGGAGCAGTACTGAAGACAAAGAAAAATTCTAATAATTTAATC
ATCAAGTACATTAGCTGCCGCTGCTGACACTCATCATTATACTGTTAGCGTGTATCTACCTGGGCTATT
ACTTCAGCCTCTCCTCACTCTCAGACGAGTTTGTGTGAGCATCAATCAGGGATCCTGAGAAACGACAG
CACCGTGCCGATCAGTTTCAGTGCAAACCTATTGCCGTGGGCATCTTCCAGTTGCTCAGTGTCTTAAC
CTTGTGGTTTATGTCCTGCTGGCTCCCGTGGTGTCTACACGCTGTTTGTCCATTCCGACAGAAGACAG
ATGTTCTCAAAGTGACGAAATCCTCCCACTTTTGATGTTCTGCATTTCAAATCTGAAGGGTACAACGA
TTTGAGCCTCTACAATCTCTTCTTGAGGAAAAATAAGTGAGGTCAAGTCATACAAGTGTCTTAAGGTA
CTGGAGAATATTAAGAGCAGTGGTCAGGGGATCGACCCCAATGCTACTCCTGACAAACCTTGGCATGATCA
AGATGGATGTTGTTGATGGGAAAACCTCCATGTCTGCAGAGATGAGAGAGGAGCAGGGGAACAGACGGC
AGAGCTCCAAGGTATGAACATAGACAGTGAACTAAAGCAAATAATGGAGAGAAGAAATGCCCCACAGAGA
CTTCTGGATTCTCTTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC204474 representing NM_015368 Red=Cloning site Green=Tags(s) MAIAHLATEYVFSDFLLEKEPTEPKFKGLRLELAVDKMVTCTIAVGLPLLLISLAFATQISCTFSPS SFWRQAQAFVDSYCAAVQKNSLQSESGNPLWLHKFFPYILLFALLYLPLFWRAAAPHICSDLK FIMEELDKVYNRAIKAASARDLDMRDGACSVPGVTENLGQSLWEVSESHFKYPIVEQYLKTKKNSNNLI IKYISCRLLTLIIILLACIYLGYYFSLSSLDEFVCSIKSGILRNDSTVPDQFQCKLIAVGIFQLLSVIN LVVYVLLAPVVVYTLFVPFRQKTDVLKVEILPTFDVLHFKSEGYNDLSLYNLFLEENISEVKSYSKCLKV LENIKSSGQGIDPMLLLTNLGMIMKMDVVDGKTPMSAEMREEQGNQTAELQGMNIDSETKANNGEKNARQR LLDSSC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_015368
ORF Size:	1278 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_015368.3 , NP_056183.2
RefSeq Size:	2782 bp
RefSeq ORF:	1281 bp
Locus ID:	24145
UniProt ID:	Q96RD7
Cytogenetics:	11q21
MW:	47.9 kDa