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Product datasheet for RC213641A1V

Human Pannexin 2 (PANX2) (NM_052839) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Pannexin 2 (PANX2) (NM_052839) AAV Particle
Tag:	Myc-DDK
Symbol:	PANX2
Synonyms:	hPANX2; PX2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

View online »

ORF Nucleotide Sequence:

>RC213641 representing NM_052839
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCACCACCTCCTGGAGCAGTCGGCGGACATGGCGACCGCGCTGCTGGCGGGAGAGAAGCTGCGGGAGC
TGATCCTGCCGGGCGCGCAGGACGACAAGGCGGGCGCGCTGGCCGCGCTGCTTCTGCAGCTGAAGCTGGA
GCTGCCGTTCGACCGGGTGGTCACCATCGGCACCGTGCTGGTGCCCATCCTGCTGGTCACCCTGGTCTTC
ACCAAGAACTTCGCAGAGGAACCCATTTACTGTTACACCCCGCACAACTTCACGCGCGACCAGGCGCTGT
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GCTGTTTGAGCACAAGTTCCTGCCCTACGCGCTGCTGGCCTTCGCCGCCATCATGTACGTGCCCGCGCTG
GGCTGGGAGTTCCTGGCCTCCACGCGCCTCACCTCCGAGCTCAACTTCCTGCTGCAGGAGATCGACAACT
GTTACCACCGGGCGGCCGAGGGCCGCGCGCCCAAGATCGAGAAGCAGATCCAGTCCAAGGGCCCGGGCAT
CACGGAGCGCGAGAAGCGCGAGATCATCGAGAACGCGGAGAAGGAGAAGAGCCCGGAGCAGAACCTGTTC
GAGAAGTACCTGGAGCGCCGCGGCCGCAGCAACTTCCTGGCCAAGCTGTACCTGGCGCGGCACGTGCTGA
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CACCTGCGCGCTGGGCGCGTCCCCGGACGGGGCGGCAGGTGCGGGGCCCGCGGTGCGCGTGAGCTGCAAG
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TCATCCTCGTCAACCTCATCCACCTCTTCATCTTCCGCAAGAGCAACTTCATCTTCGACAAGCTGCACAA
GGTGGGCATCAAGACGCGCCGGCAGTGGCGCCGCTCGCAGTTCTGCGACATCAACATCCTGGCCATGTTC
TGCAACGAGAACCGCGACCACATCAAGTCGCTCAACCGGCTGGACTTCATCACCAACGAGAGCGACCTCA
TGTACGACAACGTGGTCCGGCAGCTGCTGGCGGCGCTGGCGCAGTCCAACCACGACGCCACCCCCACGGT
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AGGAGCCGCTGGCCATCATGCGCGTGGAGAACAGCAAGGCGGAGAAGCCGAAGCCCGCGCGCAGGAAGAC
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CGCCTCCCGGAGCCAGGAGGGGGGCTTCCTGTCCCAGGCGGAGGACTGTGGGCTAGGCCTGGCCCCGGCG
CCCATCAAAGATGCTCCGCTCCCCGAGAAGGAAATCCCGTACCCCACAGAGCCAGCCCGGGCAGGGCTTC
CCTCGGGGGGCCCGTTCCACGTCCGCTCACCTCCCGCCGCCCCTGCTGTGGCCCCTCTGACACCAGCCAG
CCTGGGCAAGGCGGAGCCCCTCACCATCCTGAGCCGAAACGCCACACACCCGCTGCTGCACATCAACACG
CTGTACGAGGCCCGGGAGGAGGAGGACGGGGGCCCCCGCCTGCCGCAGGACGTGGGGGACCTCATCGCCA
TCCCTGCCCCACAGCAGATCCTCATCGCCACCTTCGACGAGCCGAGAACGGTCGTGAGTACTGTGGAGTT
T

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC213641 representing NM_052839
Red=Cloning site Green=Tags(s)

MHHLLEQSADMATALLAGEKLRELILPGAQDDKAGALAALLLQLKLELPFDRVVTIGTVLVPILLVTLVF
TKNFAEEPIYCYTPHNFTRDQALYARGYCWTELRDALPGVDASLWPSLFEHKFLPYALLAFAAIMYVPAL
GWEFLASTRLTSELNFLLQEIDNCYHRAAEGRAPKIEKQIQSKGPGITEREKREIIENAEKEKSPEQNLF
EKYLERRGRSNFLAKLYLARHVLILLLSAVPISYLCTYYATQKQNEFTCALGASPDGAAGAGPAVRVSCK
LPSVQLQRIIAGVDIVLLCVMNLIILVNLIHLFIFRKSNFIFDKLHKVGIKTRRQWRRSQFCDINILAMF
CNENRDHIKSLNRLDFITNESDLMYDNVVRQLLAALAQSNHDATPTVRDSGVQTVDPSANPAEPDGAAEP
PVVKRPRKKMKWIPTSNPLPQPFKEPLAIMRVENSKAEKPKPARRKTATDTLIAPLLDRSAHHYKGGGGD
PGPGPAPAPAPPPAPDKKHARHFSLDVHPYILGTKKAKAEAVPAALPASRSQEGGFLSQAEDCGLGLAPA
PIKDAPLPEKEIPYPTEPARAGLPSGGPFHVRSPPAAPAVAPLTPASLGKAEPLTILSRNATHPLLHINT
LYEAREEEDGGPRLPQDVGDLIAIPAPQQILIATFDEPRTVVSTVEF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_052839

ORF Size: 2031 bp

Buffer: PBS with 0.001% Pluronic F7088

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_052839.3

RefSeq Size: 3069 bp

RefSeq ORF: 2034 bp

Locus ID: 56666

UniProt ID: Q96RD6

Cytogenetics: 22q13.33

MW: 74.3 kDa