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Product datasheet for RC224752A1V

Human MPP5 (NM_022474) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MPP5 (NM_022474) AAV Particle
Tag:	Myc-DDK
Symbol:	MPP5
Synonyms:	PALS1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>RC224752 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACAACATCCCATATGAATGGGCATGTTACAGAGGAATCAGACAGCGAAGTAAAAAATGTTGATCTTG
CATCACCAGAGGAACATCAGAAGCACCGAGAGATGGCTGTTGACTGCCCTGGAGATTTGGGCACCAGGAT
GATGCCAATACGTCGAAGTGCACAGTTGGAGCGTATTCGGCAACAACAGGAGGACATGAGGCGTAGGAGA
GAGGAAGAAGGGAAAAAGCAAGAACTTGACCTTAATTCTTCCATGAGACTTAAGAAACTAGCCCAAATTC
CTCCAAAGACCGGAATAGATAACCCTATGTTTGATACAGAGGAAGGAATTGTCTTAGAAAGTCCTCATTA
TGCTGTGAAAATATTAGAAATAGAAGACTTGTTTTCTTCACTTAAACATATCCAACATACTTTGGTAGAT
TCTCAGAGCCAGGAGGATATTTCACTGCTTTTACAACTTGTTCAAAATAAGGATTTCCAGAATGCATTTA
AGATACACAATGCCATCACAGTACACATGAACAAGGCCAGTCCTCCATTTCCTCTTATCTCCAACGCACA
AGATCTTGCTCAAGAGGTACAAACTGTTTTGAAGCCAGTTCATCATAAGGAAGGACAAGAACTAACTGCT
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TAGAGCCCATTACAGATGAGAGAGTTTATGAAAGTATTGGCCAGTATGGAGGAGAAACTGTAAAAATAGT
TCGTATAGAAAAGGCTCGTGATATTCCGTTGGGTGCTACAGTTCGTAATGAAATGGACTCTGTCATCATT
AGCCGGATAGTAAAAGGGGGTGCTGCAGAGAAAAGTGGTCTGTTGCATGAAGGAGATGAAGTTCTAGAGA
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TTTGACTTTTGTCCTGATTCCCAGTCAACAGATCAAGCCGCCTCCTGCCAAGGAAACAGTAATCCATGTA
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CAAACCATAGAAGAAGATAAGGAGCCAGAAAAATCAGGAAAACTGTGGTGTGCAAAGAAGAATAAAAAGA
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CAACCCGGAGTAGGCGAGACCAAGAAGTAGCCGGTAGAGATTACCACTTTGTTTCGCGGCAAGCATTCGA
GGCAGACATAGCAGCTGGAAAGTTCATTGAGCATGGTGAATTTGAGAAGAATTTGTATGGAACTAGCATA
GATTCTGTACGGCAAGTGATCAACTCTGGCAAAATATGTCTTTTAAGTCTTCGTACACAGTCATTGAAGA
CTCTCCGGAATTCAGATTTGAAACCATATATTATCTTCATTGCACCCCCTTCACAAGAAAGACTTCGGGC
ATTATTGGCCAAAGAAGGCAAGAATCCAAAGCCTGAAGAGTTGAGAGAAATCATTGAGAAGACAAGAGAG
ATGGAGCAGAACAATGGCCACTACTTTGATACGGCAATTGTGAATTCCGATCTTGATAAAGCCTATCAGG
AATTGCTTAGGTTAATTAACAAACTTGATACTGAACCTCAGTGGGTACCATCCACTTGGCTGAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC224752 protein sequence
Red=Cloning site Green=Tags(s)

MTTSHMNGHVTEESDSEVKNVDLASPEEHQKHREMAVDCPGDLGTRMMPIRRSAQLERIRQQQEDMRRRR
EEEGKKQELDLNSSMRLKKLAQIPPKTGIDNPMFDTEEGIVLESPHYAVKILEIEDLFSSLKHIQHTLVD
SQSQEDISLLLQLVQNKDFQNAFKIHNAITVHMNKASPPFPLISNAQDLAQEVQTVLKPVHHKEGQELTA
LLNTPHIQALLLAHDKVAEQEMQLEPITDERVYESIGQYGGETVKIVRIEKARDIPLGATVRNEMDSVII
SRIVKGGAAEKSGLLHEGDEVLEINGIEIRGKDVNEVFDLLSDMHGTLTFVLIPSQQIKPPPAKETVIHV
KAHFDYDPSDDPYVPCRELGLSFQKGDILHVISQEDPNWWQAYREGDEDNQPLAGLVPGKSFQQQREAMK
QTIEEDKEPEKSGKLWCAKKNKKKRKKVLYNANKNDDYDNEEILTYEEMSLYHQPANRKRPIILIGPQNC
GQNELRQRLMNKEKDRFASAVPHTTRSRRDQEVAGRDYHFVSRQAFEADIAAGKFIEHGEFEKNLYGTSI
DSVRQVINSGKICLLSLRTQSLKTLRNSDLKPYIIFIAPPSQERLRALLAKEGKNPKPEELREIIEKTRE
MEQNNGHYFDTAIVNSDLDKAYQELLRLINKLDTEPQWVPSTWLR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_022474

ORF Size: 2025 bp

Buffer: PBS with 0.001% Pluronic F8861

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_022474.2

RefSeq Size: 5608 bp

RefSeq ORF: 2028 bp

Locus ID: 64398

UniProt ID: Q8N3R9

Cytogenetics: 14q23.3

MW: 77.3 kDa