

Product datasheet for RC229974A1V

Human Myosin Phosphatase 2 (PPP1R12B) (NM_001167858) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Myosin Phosphatase 2 (PPP1R12B) (NM_001167858) AAV Particle
Tag:	Myc-DDK
Symbol:	Myosin Phosphatase 2
Synonyms:	MYPT2; PP1bp55
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC229974 representing NM_001167858 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGAACTGGAGCACCTAGGAGGGAAGCGGGCAGAGTCGGCGGAATGCGGCGGGCAGAGCAGCTTC
GGCGCTGGCGGGGCTCGCTGACAGAGCAGGAGCCTGCGGAGCGACGAGGCGGGGGCGGAGCCGCTGAC
CAGGCGCGGGAGCCCCAGGGTCCGCTTCGAGGACGGTGTCTTTCTGGCCGCTGCTAGCGGGGAC
ACCGACGAGGTGAGAAAGCTTCTGGCAAGAGGTGCTGATATCAACACGGTCAACGTGGACGGCTTGACAG
CCCTGCACCGCATGTATTGATGAAAATTTGGACATGGTGAAGTTTCTGGTGGAGAACAGACGCCAATGT
AAACCAGCAAGACAACGAGGGCTGGACACCCCTTCATGCAGCAGCTTCTGTGGCTATCTCAACATAGCA
GAGTATTTCAATACCGAGCCAGTGTAGGTATTGTCAATAGTGAAGGTGAAGTTCCTCTGACCTTG
CAGAAGAGCCAGCCATGAAGGATCTTCTTCTGGAGCAAGTAAAGAAGCAAGGAGTTGATCTAGAGCAGTC
AAGAAAAGAAGAAGAGCAGCAGATGTTGCAGGATGCCCGCAGTGGCTCAACAGTGGGAAAATAGAGGAT
GTGAGGCAGGCTCGCTCAGGGGCTACAGCCCTCATGTGGCTGCTGCCAAGGGCTACTCTGAAGTCTCA
GACTTTTAATTCAGGCTGGCTATGAACTCAATGTTCCAGGATTATGATGGCTGGACTCCCTCCATGCTGC
TGCACACTGGGGAGTGAAGGAGGCTTGTCCATCCTGGCAGAAGCACTTTGTGACATGGATATTCGAAAT
AAACTGGCCAGACACCATTTGATGTGGCTGATGAGGGTCTCGTGGAGCATTGGAGTTGCTCCAGAAGA
AGCAGAATGTGCTTCAAGTGAAGAGGAGACACGGAATAAATCATTGAGTCAGATCTGAACAGCAAGAT
TCAGAGTGGGTTCTTTAAGAACAAGAGAAAGATGCTCTATGAGGAGGAGACACCTAAGTCCCAAGAAATG
GAGGAAGAAAATAAAGAATCTAGTAGCTCCAGCTCAGAGGAGGAGGAAGGTGAAGATGAAGCTTCTGAGT
CAGAACTGAGAAGGAGGCAGTTCTTCTTCTGGCCTTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC229974 representing NM_001167858 Red=Cloning site Green=Tags(s)</p> <p>MAELEHLGGKRAESARMRRAEQLRRWRGSLTEQEPAERRGAGRQPLTRRGSPRVRFEDGAVFLAACSSGD TDEVKLLARGADINTVNV DGLTALHQACIDENLDMVKFLVENRANVNQQDNEGWTPLHAAASCGYLNIA EYFINHGASVGI VNSEGEVPSDLAEEPAMKDLLLEQVKKQGV DLEQSRKEEEQQMLQDARQWLN SGKIED VRQARSGATALHVAAAKGYSEVLRLLIQAGYELNVQDYDGWTP LHAAAHWGVKEAC SILAEALCDMDIRN KLGQTPFDVADEGLVEHLELLQKKQNVLRSEKETRNKLI ESDLNSKIQSGFFKNKEKMLYEEETPKSQEM EENKESSSSSSEEEEGE DEASESETEKEAVLFWPF</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001167858
ORF Size:	1158 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:	<u>NM_001167858.1</u> , <u>NP_001161330.1</u>
RefSeq ORF:	1161 bp
Locus ID:	4660
UniProt ID:	<u>O60237</u>
Cytogenetics:	1q32.1
MW:	43.7 kDa