

Product datasheet for **MR208630A1V**

Mouse Ptpn5 (NM_001163565) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Ptpn5
Synonyms:	Step
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR208630 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTGCTGTAGTGAGAGGCTGTTGGGTCTCCCCAGCCGGTAGAGATGGAAGCACCGGACGAGGCCGAAG
 GACTCCCCAGCAAGCAGAAAGAGATGCCACCACCCCGCCACCCTACCGCCCTCTGAGCCAGCTCAGAA
 GCTGCCACCTCAAGGCGCTGGGAGCACTCCCTCACCCTCAGAAGCAGCCTGTGCCTGTTTGTGCTGCTCT
 CAGTTCCTGCTTGCCTGTGGGTGCTCTGGCTCAGTGGCCATGGCCACTCCTGGCTGCAGAACACCACAG
 ACCTCATCTCCTCTCGCTCAGTGTGAACCATCTGGGACCTGTGGCTGGTGGTTCTGGGACCTG
 GGGGATACCAAGTCTGCTGCTAGTCTCTGACTGTGAGCCTGGTCATCGTCACCACCCTGGTGTGGCAG
 CTCTCAAGGCACCCAGAGCCACTGCCCACTGCCCAAGAGGACAGGCGTCAATCAGTGAGCCGGC
 AGCCTTCCTTACCTACTCAGAGTGGATGGAGGAGAAGGTAGAGGATGACTTCTGGACCTGGACGCGGT
 GCCCGAGACACCTGTGTTGACTGTGTGATGGACATCAAGCCTGAGACTGATCTGCCTCATTGACTGTC
 AAGTCCATGGGTCTACAGGAGAGGAGAGGATCCAATGTCTCCTTGACCCTGGACATGTGTACTCTGGCT
 GCAATGAGGAGGGCTTCGGCTACCTGGTGTCTCCACGAGAAGAGTCAGCCCATGAGTATCTGCTCAGCGC
 CTCCCGTGTCTCCGGGAGAGAGCTACATGAAAAGGCTCTGGACCCCTTCTTGCTGCAGGCGGAATTC
 TTGAAATCCCATGAACCTTTGTGGATCCAAAAGAGTATGACATCCAGGGCTGGTGCAGGAAGATCGGT
 ACAAACCATCCTTCCCAATCTCAGCAGGGTACGTCTGACGTCAACAGACCCTGAAGATCCTCTGAG
 TTCCTACATCAATGCCAACTACATCCGGGCTACAGTGGGAGGAGAAGGTGTACATCGCCACGAGGGA
 CCCATCGTCAGCACTGTGGCGACTTTTGGCGCATGGTGTGGCAGGAGCGCACACCCATCATCGTCATGA
 TCACCAACATCGAGGAGATGAACGAGAAGTGCACAGAATACTGGCCAGAAGAGCAGGTGGTCCATGACGG
 CGTGGAGATCACCGTGCAGAAAGTCATCCACACGAGGAGTACCGGCTTCGACTCATCTCCCTCAGGAGA
 GGGACTGAAGAGCGAAGCTTGAAGCATTACTGGTTCACATCCTGGCCTGACCAGAAGACCCCGACCGGG
 CTCCCCCACTCTGCACCTGGTACGGGAAGTGGAGGAGGACGCCAACAGAGGGACCCATTGTTCCCC
 AATCATCGTTCACTGCAGTGCAGGGATTGGGAGAACTGGCTGCTTCATTGCCACCAGCATCTGCTGCCAG
 CAGCTGCGACGTGAGGGCGTGGTGGACATCCTGAAGACCACGTGCCAGCTCCGTCAGGACAGGGGTGGCA
 TGATCCAGACATGCGAACAGTACCAGTTTGTGCCACGCCATGAGCCTCTATGAGAAGCAGCTGTCCCT
 CCAGTCCTCAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR208630 protein sequence
 Red=Cloning site Green=Tags(s)

MCCSERLLGLPQPVEMEAPDEAEGLPSKQKEMPPPPPPSPSEPAQKLPPQGAGSHSLTVRSSLCLFAAS
 QFLLACGLVWLSGHGHSWLQNTTDLISSSLTVLNHLGPVWLGSWTGIPSLLLVSLTVSLVIVTTLVWH
 LLKAPPEPPAPLPEDRRQSVSRQPSFTYSEWMEEKVEDDFLDLDAVPETPVFDCVMDIKPETDPASLTV
 KSMGLQERRGSNVSLTDMCTPGCNEEGFYLVSPREESAHEYLLSASRVLRAEELHEKALDPFLLQAEF
 FEIPMNFVDPKEYDIPGLVRKNRYKTILPNPHSRVRLTSPDPEDPLSSYINANYIRGYSGEKVVYIATQG
 PIVSTVADFWRMVWQERTPIIIVMITNIEEMNEKCTEYWPEEQVVHDGVEITVQKVIHTEDYRLRLISLRR
 GTEERSLKHYWFTSWPDQKTPDRAPPLHLVREVEEAAQEGPHCSPIIIVHCSAGIGRTGCFIATSIACCQ
 QLRREGVVDILKTTCLRQDRGMIQTCEQYQFVHHAMSLYEKQLSLQSSE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_001163565

ORF Size: 1623 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_001163565.1, NP_001157037.1</u>
RefSeq Size:	3049 bp
RefSeq ORF:	1626 bp
Locus ID:	19259
UniProt ID:	<u>P54830</u>
Cytogenetics:	7 30.7 cM
MW:	60.8 kDa