

Product datasheet for **RC217371A1V**

Human PTPN5 (NM_032781) AAV Particle

Product data:

| | |
|---------------------------|--------------------------------------|
| Product Type: | AAV Particles |
| Product Name: | Human PTPN5 (NM_032781) AAV Particle |
| Tag: | Myc-DDK |
| Symbol: | PTPN5 |
| Synonyms: | PTPSTEP; STEP; STEP61 |
| Mammalian Cell Selection: | None |
| Vector: | pAAV-AC-Myc-DDK (PS100089) |



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ORF Nucleotide Sequence:

>RC217371 representing NM_032781
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAATTATGAGGGAGCCAGGAGTGAGAGAGAGAACCACGCTGCTGATGACTCCGAGGGAGGGCCCTGG
 ACATGTGCTGCAGTGAGAGGCTACCGGGTCTCCCCAGCCGATAGTGATGGAGGCACTGGACGAGGCTGA
 AGGGCTCCAGGACTCACAGAGAGAGATGCCGCCACCCCTCCTCCCTCGCCGCCCTCAGATCCAGCTCAG
 AAGCCACCACCTCGAGGCGTGGGAGCCACTCCCTCACTGTCAGGAGCAGCCTGTGCCTGTTTCGCTGCCT
 CACAGTTCCTGCTTGCCTGTGGGGTCTCTGGTTCAGCGGTTATGGCCACATCTGGTCACAGAACGCCAC
 AAACCTCGTCTCCTCTTTGCTGACGCTCCTGAAACAGCTGGAACCCACGGCCTGGCTTGACTCTGGGACG
 TGGGGAGTCCCAGTCTGCTGCTGGTCTTTCTGTCCTGGGCTGGTCTCGTTACCACCCTGGTGTGGC
 ACCTCCTGAGGACACCCAGAGCCACCCACCCACTGCCCTGAGGACAGGCCAGTCAGTGAGCCG
 CCAGCCCTCCTCACCTACTCAGAGTGGATGGAGGAGAAGATCGAGGATGACTTCTGGACCTCGACCCG
 GTGCCCGAGACTCCTGTGTTGATTGTGTGATGGACATCAAGCCTGAGGCTGACCCACCTCACTCACCG
 TCAAGTCCATGGGTCTGCAGGAGAGGAGGGTCCAATGTCTCCCTGACCTGGACATGTGCACTCCGGG
 CTGCAACGAGGAGGGCTTTGGCTATCTCATGTCCACGTCGAGGAGTCCGCCCGGAGTACCTGCTCAGC
 GCCTCCCGTGTCTCAAGCAGAAGAGCTTCATGAAAAGGCCCTGGACCTTTCTGCTGCAGGCGGAAT
 TCTTTGAAATCCCATGAACTTTGTGGATCCGAAAGAGTACGACATCCCTGGGCTGGTGCAGGAAGACCG
 GTACAAAACATACTTCCCAACCCTCACAGCAGAGTGTGTCTGACCTCACCAGACCCTGACGACCCTCTG
 AGTTCCTACATCAATGCCAATACATCCGGGGCTATGGTGGGGAGGAGAAGGTGTACATCGCCACTCAGG
 GACCCATCGTCAGCAGGTCGCCGACTCTGGCGCATGGTGTGGCAGGAGCACAGCCCATCATTGTCAT
 GATCACCAACATCGAGGAGATGAACAGAGAAATGCACCGAGTATTGGCCGGAGGAGCAGGTGGCGTACGAC
 GGTGTTGAGATCACTGTGCAGAAAGTCATTACACGAGGATTACCGGCTGCGACTCATCTCCCTCAAGA
 GTGGGACTGAGGAGCGAGGCCTGAAGCATTACTGGTTCACATCCTGGCCCGACCAGAAGACCCAGACCG
 GGCCCCCCTACTCCTGCACCTGGTGCAGGAGGTGGAGGAGGCAGCCAGCAGGAGGGGCCCTACTGTGCC
 CCCATCATCGTCCACTGCAGTGCAGGGATTGGGAGGACCGGCTGCTTCATTGCCACCAGCATCTGCTGCC
 AGCAGCTGCGGCAGGAGGGTGTAGTGGACATCCTGAAGACCACGTGCCAGCTCCGTCAGGACAGGGGCGG
 CATGATCCAGACATGCGAGCAGTACCAGTTTGTGCCACCAGTCATGAGCCTCTACGAAAAGCAGCTGTCC
 CACCAGTCCCCAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC217371 representing NM_032781
 Red=Cloning site Green=Tags(s)

MNYEGARSERENHAADDSEGGALDMCCSERLPGLPQPIVMEALDEAEGLQDSQREMPPPPPSPSPDPAQ
 KPPPRGAGSHSLTVRSSLCLFAASQFLLACGVLWFSYGHISQINATNLVSSLLTLLKQLEPTAWLDSGT
 WGVPSLLLVLVSVGLVLTTLVHLLRTPPEPPTPLPPEDRRQSVSRQPSFTYSEWMEEKIEDDFLDLDP
 VPETPVFDCVMDIKPEADPTSLTVKSMGLQERRGSNVSLTDMCTPGCNEEGFGLMSPREESAREYLLS
 ASRVLQAEELHEKALDPFLLQAEFFEIPMNFVDPKEYDIPGLVRKNRYKTILPNPHSRVCLTSPDPDDPL
 SSYINANYIRGYGGEKYYIATQGPVSTVADFWRMVWQEHPTIIVMITNIEEMNEKCTEYWPEEQVAYD
 GVEITVQKVIHTEDYRLRLISLKSGETEERGLKHYWFTSWPDQKTPDRAPLLHLVREVEEAQEQEPHCA
 PIVHCSAGIGRTGCFIATSICCCQLRQEGVVDILKTTCLRQDRGMIQTCEQYQFVHHVMSLYEKQLS
 HQSPETRTRPLEQKLISEEDLAANDILDYKDDDDKV*

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

| | |
|---------------|---|
| ACCN: | NM_032781 |
| ORF Size: | 1695 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_032781.2</u> |
| RefSeq Size: | 2965 bp |
| RefSeq ORF: | 1698 bp |
| Locus ID: | 84867 |
| UniProt ID: | <u>P54829</u> |
| Cytogenetics: | 11p15.1 |
| MW: | 63.4 kDa |