

Product datasheet for **RC228447A1V**

Human ROD1 (PTBP3) (NM_001163790) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ROD1 (PTBP3) (NM_001163790) AAV Particle
Tag:	Myc-DDK
Symbol:	ROD1
Synonyms:	ROD1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC228447 representing NM_001163790
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGATGGTGTGTTACAGATCTTATAACAGTCGGTTAAAGCGGGGATCTGATGAGCTTCTTTCTTCTG
 GCATCATTAAACGACCTTTTACCATGAATAGTTCTACTCTTCTACAGGTGTGTATGCTAATGGGAATGA
 CAGCAAGAAATTTAAACGAGATAGACCTCCCTGTTGCGCTTCCCGTGTCTCCATCTTCGAAAAATTCCA
 TGTGATGTACCGAAGCAGAGATCATATCATTAGGTCTACCATTTGGCAAAGTAACTAATCTTTTGATGT
 TGAAAGGAAAAAGCCAGGCTTTCTAGAAATGGCTTCTGAGGAAGCTGCCGTTACTATGGTGAATTATTA
 CACTCTATTACTCTCACCTTCGAAGCCAGCCTGTTTATATTAGTATTCCAATCACAGAGAATTAAG
 ACTGACAATCTACCTAATCAAGCTCGAGCCCAAGCTGCACTGCAGGCTGTCAGTGCCGTCGAATCAGGAA
 GCCTGGCCCTTTCTGGAGGTCTTCCAATGAAGGCACAGTCTACCTGGGCAGAGCCCTGTGCTTCAAT
 AATTATTGAAACCTCTTTTACCCTGTTACCCTGGAAGTCTTTCATCAGATATTTCTAAATTTGGCACA
 GTCTTGAAAGATTATCACCTTTACAAAGAATAATCAGTTTCAAGCCTTGCTTCAGTATGCTGACCCAGTAA
 ATGCACATTATGCCAAAATGGCTCTGGATGGCCAGAATATCTATAATGCATGCTGCACTCTGCGCATTGA
 CTTCTCCAAGCTCACCAGCCTTAATGTGAAATATAATAATGACAAAAGCAGAGACTTCACTCGCTTAGAC
 CTTCTACTGGTGATGGCCAGCCATCCCTTGAACCCCTATGGCTGCTGCTTTTGGTGCACCGGGTATAA
 TTTCTTACCATATGCAGGGGCTGTGGATTGGCCCCAGCCATTGGATTCTCAAGCTACAGGTCTATC
 AGTTCAGCTGTTCTGGAGCTCTTGGTCTCTCAATCACCTCTTCTGCTGCTGCACTGGAAGGATGGCC
 ATCTCTGGGCTAGTGGTATACCAGGAAATCTGTTCTACTCGTCACAAATCTCAATCCTGATCTTATCA
 CACCACATGGGCTTTTATCCTATTTGGAGTCTATGGTGTATACATCGAGTGAAGATTATGTTTAATAA
 GAAAGAAAATGCCTTGGTTGAGATGGCGGATGCAATCAAGCTCAGCTAGCAATGAACCATCTAAGTGGT
 CAGAGACTTTATGGGAAAGTGCTTCGTGCTACACTGTCCAAACATCAAGCAGTACAGCTTCTCGAGAGG
 GACAAGAAGACCAAGGTCTGACTAAGGATTTCAAGCAATAGTCTTTGCATCGCTTTAAAAAGCCGGGCTC
 TAAAACTTCCAGAATATCTTCCACCATCAGCCACTCTGCATCTTCCAACATTCCTCTGTTTACA
 GTGGATGATCTGAAGAACCTTTTCATAGAAGCTGGATGTTTCAAGGCTTTTAAATCTTTCAGAAAG
 ATCGCAAAATGGCGCTCATTCAATTGGGATCTGTGGAAGAAGCAATTCAGGCCCTCATTGAGCTTCATAA
 CCATGACCTTGGAGAAAATCACCACCTCAGAGTTTCTTCTCAAAATCTACAATC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC228447 representing NM_001163790
 Red=Cloning site Green=Tags(s)

MDGVVTDLITVGLKRGSDLLSSGIINGPFTMNSSTPSTGVYANGNDSKKFKRDRPPCSPSRVLHLRKIP
 CDVTEAEIISLGLPFGKVTNLLMLKGKSQAFLEMASEEAAVTMVNYYPITPHLRSQPVYIQYSNHLRELK
 TDNLPNQARAQAALQAVSAVQSGSLALSGGPSNEGTVLPGQSPVLRRIIENLFYPTVLEVLHQIFSKFGT
 VLKIIITFTKNNQFQALLQYADPVNAHYAKMALDQONIYNACCTLRIDFSKLTSLVNKKYNNDKSRDFRLD
 LPTGDGQPSLEPPMAAAFAGPIISSPYAGAAGFAPAIGFPQATGLSVPAPVPGALGPLTITSSAVTGRMA
 IPGASGIPGNSVLLVTNLNPDITPHGLFILFGVYGDVHRVKIMFNKKENALVQMADANQAQLAMNHLSG
 QRLYGKVLRLATLSKHQAVQLPREGQEDQGLTKDFSNSPLHRFKKPGSKNFQNIFFPSATLHLNIPPSVT
 VDDLKNLFIAGCSVKAFKFFQKDRKMALIQLSVEEAIQALIELHNHDLGENHHLRVFSFSKSTI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001163790

ORF Size:	1665 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_001163790.1, NP_001157262.1</u>
RefSeq ORF:	1668 bp
Locus ID:	9991
UniProt ID:	<u>O95758</u>
Cytogenetics:	9q32
MW:	59.8 kDa