

## Product datasheet for **RC219522A1V**

### Human PEX5 related protein (PEX5L) (NM\_016559) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human PEX5 related protein (PEX5L) (NM_016559) AAV Particle
Tag:	Myc-DDK
Symbol:	PEX5L
Synonyms:	PEX5R; PEX5RP; PXR2; PXR2B; TRIP8b
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC219522 representing NM\_016559  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTACCAGGGACACATGCAGAAAAGTAAAGAACAAGGATATGGAAAACCTAAGCAGTGATGAAGACCTCG  
 AAATAATTGTTGATCAAAAGCAGGGAAAAGGCTCTAGGGCGGCAGATAAGGCTGTTGCCATGGTATGAA  
 GGAGATACCGAGGGAGGAGTCTGCTGAAGAAAAGCCCTCCTTACTATGACATCAGACTGGTGAATGAG  
 CAACAAGAAAGCAGACCCCTCTGAGTCCCTCCATCGATGACTTTCTCTGTGAAACCAAAATCGGAAGCAA  
 TAGCAAGGCCAGTAACATCCAATACAGCTGTATTGACCACTGGCTTAGATCTCCTCGACCTGAGTGAACC  
 AGTCTCTCAAACCCAAACCAAGCCAAGAAGTCAGAGCCCTCATCAAAAACCTCATCCCTCAAGAAAAAG  
 GCCGATGGATCTGACCTCATCAGCACGGATGCTGAGCAGAGAGGCCAGCCTCTCAGAGTCCCGGAGACTT  
 CATCCTTAGATCTAGACATTCAAACACAACCTGGAAAAATGGGACGATGTTAAGTTTCATGGAGATCGAAA  
 TACCAAGGGACATCCAATGGCAGAGAGAAAATCATCCTCATCTAGAAGTGGATCAAAGAGCTCTTATGG  
 TCCTCAGAACACAGATCTCAACCAGAAGTGAAGTGGTGGAAAAGCGCCCTCAACTCTGAGTCGGCTTCAG  
 AATTGGAATTAGTGGCTCCGACTCAGGCTCGACTGACCAAGAACATCGCTGGGGAAGCGCATTACTTTTC  
 TAGAAACCACTCCTTAGAAGAAGAGTTTGAAGGGCAAAAGCAGCAGTGGAGTCAGATACAGAGTTTTGG  
 GATAAGATGCAAGCAGAAATGGGAAGAAATGGCTCGGAGAACTGGATACTGAGAACCAAGAAGCCGAGA  
 ACCAAGTAACCATCTCGGCTAGTGAGAAGGGATATTACTTTTACACTGAAAACCCCTTCAAGGACTGGCC  
 TGGAGCATTGGAAGAAGGCTTAAAAAGGCTGAAGGAAGGGGATCTGCCAGTCACCATCCTGTTTATGGAA  
 GCAGCAATTCTCAGGACCCCTGGAGATGCAGAGGCATGGCAGTTCCTCGGGATAACCCAGGCGGAGAAATG  
 AAAATGAACAAGCAGCTATTGTCGCCCTCCAGAGGTGCTTAGAATTACAGCCCAACAACCTTAAAAGCTTT  
 GATGGCCTTGGCTGTGAGTTATACTAACACTGGCCATCAGCAGGATGCCTGTGACGCTCTGAAGAATTGG  
 ATTAAGCAAAATCCAAGTACAATACTTGTGAAAAGCAAGAAGGGATCTCCAGGCCTCACCCGCGGA  
 TGTCTAAGTCCCAGTTGATAGCTCTGTTCTGGAAGGGTGAAGGAATTATCTGGAAGCTGCCACCA  
 AAATGGAGATATGATCGACCCAGACCTGCAGACAGGTCTAGGGTTCTGTTCCACCTGAGTGGAGAATTT  
 AATAGAGCAATAGATGCATTTAACGCTGCCTTAACTGTTCCGCCAGAGGACTATTCATATGGAACCGCC  
 TCGGGCGACCTTGGCGAACGGAGACCGCAGCGAGGAAGCCGTGGAGGCCATACGCGAGCACTGGAGAT  
 TCAGCCAGGATTCATCCGGTCCAGATACAACCTAGGAATAAGCTGCATCAACCTGGGCGCCTACAGAGAA  
 GCGGTCAGCAATTTTCTACTGCCCTCAGTTTGAAGAAAGAGCAGGAATCAGCAGCAAGTTCTCTCATC  
 CTGCAATCTCTGGGAATATCTGGGCTGCCCTCAGAATTGCGCTCTCTCTGATGGACCAACCAAGAAGCTCT  
 CCAGGGCGCTAATCTTGGTGACCTGGATGTCCTCTTAAGAGCTTCAACTGGATCCT

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC219522 representing NM\_016559  
 Red=Cloning site Green=Tags(s)

MYQGHMQKSKEQGYGKLSSEDELEIIVDQKQGGKSRADKAVAMVMKEIPREESAEKPLLMTMSQLVNE  
 QQESRPLLSPSIDDFLCETKSEAIARPVTSNTAVLTTGLDLLDLSEPVSQTQTKAKKSEPSKTSLLKKK  
 ADGSDLISTDAEQRGQPLRVPETSSLDLDIQTQLEKWDDVKFHGDRNTKGHPMAERKSSSSRTGSKELLW  
 SSEHRSQPELGGKLSALNSEASASELELVAPTQARLTKEHRWGSALLSRNHSLEEEFERAKAAVESDTEFW  
 DKMQAEWEEMARRNWIENQEAQNQVTISASEKGYFFHTENPFKDWPGAFEEGLKRLKEGDLPTVILFME  
 AAILQDPGDAEAWQFLGITQAEENEQAIVALQRCLLQPNLALMALAVSYTNTGHQDQDADALKNW  
 IKQNPKYKYLKSKKGSPLGTRRMSKSPVDSSVLEGVKELYEAHQNGDMIDPDLQTLGVLVFLHLSGEF  
 NRAIDAFNAALTVRPEDYSLWNRLGATLANGDRSEEAVEAYTRALEIQPGFIRSRNLGISCINLGAIRY  
 AVSNFLTALSLQRKSRNQVPHPAISGNIWAALRIALSLMDQPELFQAANLGDLDVLLRAFNLDP

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

Serotype:	AAV-2
ACCN:	NM_016559
ORF Size:	1878 bp
Buffer:	PBS with 0.001% Pluronic F8006
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_016559.1</u>
RefSeq Size:	3577 bp
RefSeq ORF:	1881 bp
Locus ID:	51555
UniProt ID:	<u>Q8IYB4</u>
Cytogenetics:	3q26.33
MW:	69.5 kDa