

Product datasheet for **MR209684A1V**

Mouse Pex5 (NM_008995) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pex5 (NM_008995) AAV Particle
Tag:	Myc-DDK
Symbol:	Pex5
Synonyms:	AW212715; ESTM1; PTS1R; Pxr1; X83306
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209684 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAATGCGGGAGCTGGTGGAGGGCGAATGTGGGGGTGCCAACCCGCTGATGAAGCTGGCCACCCATT
 TCACCCAGGACAAGGCCCTTCGGCAGGAGGGGACTGAGGCCTGGCCCTGGCCTCCGGGAGCCTCAGCAGC
 AGAGACCGTTTCCAAGCCTTTGGGAGTAGGAAGTGAAGACGAGTTGGTGTGAGAATTCCTGCAGGACCGAG
 AATGCAACTCTTGATCCCGAGCCCTCAGACCTTCAAGATGGATGACCTCCTGGCAGAGATGCAGGAGA
 TTGAACAGTCAAACCTTCGCCAGGCTCCTCAGAGAGCCCTGGTGTGGCAGATTTGGCCTTGCTGAGAA
 TTGGGCCCAGGAGTTTCTGCAGCTGGAGATGCTGTGGATGTAGCTCAAGATTATAATGAGACCGACTGG
 TCCCAAGAATTCATCGCCGAAGTTACAGACCCACTGTCCGTGTCCCTGCCCGATGGGCTGAGGAGTATC
 TGGAGCAGTCTGAGGAGAAGCTGTGGTTGGGAGACCAGGAAGGATCCTCTACCGCTGATCGATGGTACGA
 TGAATATCATCCTGAGGAGGACCTGCAGCACACAGCCAGTGACTTTGTGTCCAAGGTGGACGACCCCAA
 TTGGCTAACTCTGAGTTCTGAAATTCGTGCGGCAGATTGGCGAGGGGCGAGGTGTCCCTGGAGTCGGCTG
 CAGGGTCGGGCGGAGCTCAGGCAGAACAGTGGGCAGCAGAGTTTATACAGCAGCAGGGCACGTCAGAGGC
 CTGGGTTGATCAGTTTACAAGACCAGGAAACAAAATAGCTGCCCTTCAGGTGGAATTTGAACGAGCCAAG
 TCAGCTATAGAGTCTGATGTCGATTTCTGGGACAAGTTACAGGCAGAGTTGGAGGAGATGGCCAAGCGGG
 ATGCCGAGGCGCACCCCTGGCTTTCTGACTATGATGACCTCACATCCGCTTCTATGACAAGGGTTACCA
 GTTTGAGGAGGAGAATCCCTTGGCTGACCACCTCAGCCTTTTGAAGAAGGGCTGCATCGACTGGAGGAG
 GGAGACCTGCCCAATGCTGTGTGCTCTTCGAGGCTGCTGTGCAGCAGGATCCTAAGCACATGGAAGCTT
 GGCAGTACCTGGGCACCACCCAGGCCGAGAATGAGCAAGAGCTTTGGCTATCAGTCCCTGCGGAGGTG
 TCTGGAACATAAGCCAGATAACCGGACAGCACTGATGGCGCTGGCTGTGAGCTTTACCAATGAGTCCCTG
 CAGCGCCAGGCCTGTGAGACGTTGAGGGACTGGCTGCGCTACTACCGGCCTACGCTCATCTGGTGGCTC
 CTGGGGAAGAAGGGGCGACCGGGGAGGCCCCAGCAAGCGCATCTTGGGATCTCTGTTGTCTGACTCCCT
 GTTTCTTGAAGTAAAAGATCTCTTCTGGCGGCTGTGCGTCTGGACCCTACATCCATTGACCCTGATGTG
 CAGTGTGGCTGGGAGTCTCTTCAACCTGAGCGGGGAGTACGACAAGGCTGTGGACTGTTTCACAGCTG
 CCCTCAGTGTTGCCCCAATGACTATTTGATGTGGAACAAGCTTGGGGCCACCCTGGCCAATGGGAACCA
 GAGTGAAGAAGCAGTGGCTGCATACCGCCGAGCCCTTGAACACAGCCTGGGTATATTCGGTCCCGGTAT
 AACCTAGGCATCAGTGCATCAACCTGGGAGCTCACCGTGAGGCTGTGGAGCACTTTCTGGAGGCTCTGA
 ACATGCAGAGGAAGAGCCGGGGCCCTCGGGGTGAGGGGGCGCCATGTCTGAGAACATCTGGAGTACCCT
 GCGCTTGGCGTTATCCATGTTAGGCCAGAGCGATGCCTATGGGGCAGCCGATGCTCGGGATCTGTCTGCC
 CTCCTAGCTATGTTTGGCCTGCCCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209684 protein sequence Red=Cloning site Green=Tags(s) MAMRELVEGECGGANPLMKLATHFTQDKALRQEGLRPGWPPGASAAETVSKPLGVGTEDELVSEFLQDQ NATLVSRAPQTFKMDDLAE MQEIEQSNFRQAPQ RAPGVADLALSENWAQEF LAAGDAVDVAQDYNEDW SQEFIAEVTDP LSVSPARWAE EYLEQSEEKLWLG DQEGSSTADRWD EYHPEEDLQHTASDFVSKVDDPK LANSEFLKFVRQIGEGQVSLESAAGSGGAQAEQWAAEF IQQGTSEAWVDQFTRPGNKIAALQVEFERAK SAIESDVDFWDLQAELEEMAKRD AE AHPWLS DYDDLTSASYDKGYQFEENPLRDHPQPFEGLHRLEE GDL PNAVLLFEAAVQQDPKHMEAWQYL GTTQAENEQEL LAISALRRCL ELKPDNRTALMALAVSF TNESL QRQACETLRDWLRYPAY AHLVAPGEEGATGAGPSKRILGSL LSDSLFLEV KDLFLAAVRLDPTSIDPDV QCGLGVL FNLSGEYDKAVDCFTAALSVRPNDYLMWNKLGATLANGNQSEEAVAA YRRALELQPGYIRSR Y NLGISCINLGAHREAVEHFLEALNMQRKSRGPRGEGGAMSENIWSTLR LAL SMLGQSDAYGAADARDLSA LLAMFGLPQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_008995
ORF Size:	1917 bp
Buffer:	PBS with 0.001% Pluronic F786
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_008995.2, NP_033021.2</u>
RefSeq Size:	3148 bp
RefSeq ORF:	1920 bp
Locus ID:	19305
UniProt ID:	<u>O09012</u>
Cytogenetics:	6 59.15 cM
MW:	70.8 kDa