

Product datasheet for **RC218196A1V**

Human PEX2 (NM_000318) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PEX2
Synonyms:	PAFI; PBD5A; PBD5B; PMP3; PMP35; PXMP3; RNF72; ZWS3
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC218196 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCTTCCAGAAAAGAGAATGCGAAGAGTGCAAACAGAGTGCTAAGAATAAGCCAGTTGGATGCACTTG
AACTAAACAAGGCCCTGGAGCAGCTAGTTTGGTCCCAGTTTACTCAGTGCTTTCATGGATTTAAACCTGG
GCTGTTAGCTCGCTTTGAGCCAGAGGTGAAAGCGTGCTTATGGGTTTTCTTGTGGAGATTCACCATCTAC
TCCAAAAATGCCACAGTGGGACAGTCAGTTTTGAATATTAAGTACAAAAATGATTTTTCCCTAACCTGA
GATATCAGCCACCCAGTAAAAATCAAAAAATCTGGTATGCTGTTTGTACAATTGGTGGCAGGTGGTTAGA
AGAACGATGCTATGATTTGTTTCGAAACCATCATTTAGCATCATTTGGGAAAGTCAAGCAGTGTGTGAAT
TTTGTGATTGGACTTTTGAAATTAGGTGGGCTGATTAATTTTTTGATTTTCCTTCAGAGGGGAAAGTTTG
CACTTTGACAGAAGCTCTCTAGGTATTCATTCTGTATTTTGCAAGCCTCAAAACATACGTGAAGTTGG
CTTTGAATACATGAATAGGGAAGTCTCTGGCATGGTTTGTGCTGAATTTCTGATTTTCTCTTACCACTT
ATCAATGTCCAGAAGTTGAAAGCCAAGCTGTCTTCATGGTGTATTCCTCTTACTGGTGCACCTAATAGTG
ACAATACATTAGCCACAGTGGCAAAGAATGCGCTCTATGTGGAGAGTGGCCACCATGCCTCACACCAT
AGGATGTGAGCATATTTCTGTTATTTCTGTGCTAAGAGTAGTTTCTTATTTGACGTGTACTTTACTTGT
CCTAAGTGTGGCAGAGAAGTACACAGTCTGCAGCCACTGAAATCAGGAATCGAGATGTCAGAAGTAAATG
CTCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC218196 protein sequence Red=Cloning site Green=Tags(s) MASRKENAKSANRVLRLISQLDALELNKALEQLVWSQFTQCFHGFKPGLLARFEPEVKACLWVFLWRFTIY SKNATVGQSVLNIKYKNDFSPNLRYPSPSKNQKIWYAVCTIGGRWLEERCYDLFRNHHLASFGKVQCVN FVIGLLKLGGLINFLIFLQRGKFATLTERLLGIHSVFCKPQNIREVGFEYMNRELLWHGFAEFLIFLLPL INVQKLKAKLSSWCIPLTGAPNSDNTLATSGKECALCGEWPMPHTIGCEHIFCYCAKSSFLFDVYFTC PKCGTEVHSLQPLKSGIEMSEVNAL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000318
ORF Size:	915 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_000318.1</u>
RefSeq Size:	4392 bp
RefSeq ORF:	918 bp
Locus ID:	5828
UniProt ID:	<u>P28328</u>
Cytogenetics:	8q21.13
MW:	34.9 kDa